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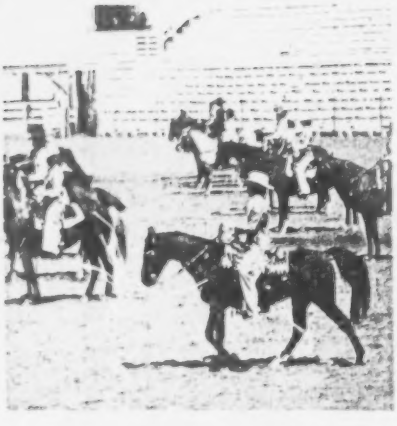
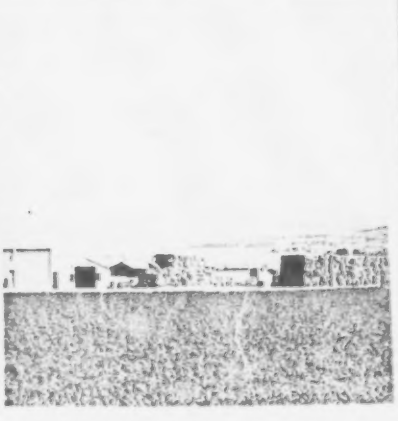
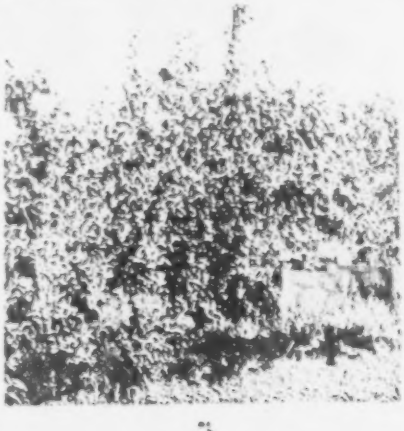
UTAH

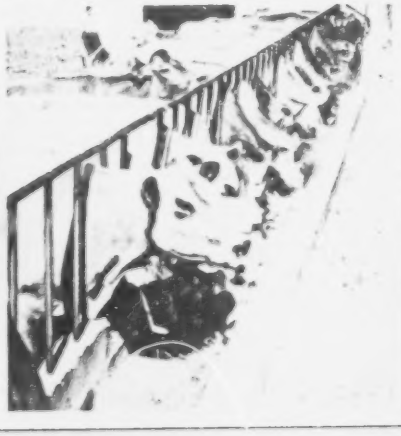
AGRICULTURAL Statistics

1982









SCOTT M. MATHESON
GOVERNOR

STATE OF UTAH

OFFICE OF THE GOVERNOR
SALT LAKE CITY
84114

To the Citizens of Utah:

It is a pleasure for me to present the Utah Agricultural Statistics publication to let you know of the impact this most important industry has on our state.

This report shows prices received the past year by farmers and ranchers. As you will note, the prices received on most of their commodities have not increased, and in many cases, they have declined. Because of nationally abundant production and depressed prices on farm products, Utah farmers and ranchers are currently facing a serious price-cost squeeze. We are hopeful these conditions will soon turn around to strengthen this segment of our Utah economy.

This volume, prepared annually by the State Department of Agriculture and the USDA Statistical Reporting Service, is a vivid account of the influence this industry has on Utah citizens. We are hopeful that current data contained herein can help expand our markets as scientific advances permit new alternatives.

I congratulate those responsible for preparing this document.

Sincerely,

Governor

STATE OF UTAH

DEPARTMENT OF AGRICULTURE

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To the People of Utah:

Once again it is a privilege for the Utah Department of Agriculture in cooperation with the Utah Crop and Livestock Reporting Service to share with you this Utah Agricultural Statistics report for 1982. This publication contains valuable data relating to agricultural matters such as inventories and prices. This information can also be of assistance in addressing our present condition and in developing goals of agricultural interest in the state of Utah.

Utah farmers and ranchers join with agricultural people across the nation in being the most efficient producers of food in the world; however, the expense of farming coupled with a period of low-prices for food products have made it extremely difficult for farm operations. Rapid changes are taking place in todays agricultural industry making the data in this publication vital to those involved in any phase of food production. Also having impact on the agricultural community in this state is the development of projects such as the MX missile, IPP, and energy and oil development. The information in this document becomes a source of data to assist in making critical decisions impacting agriculture in the state. As these kinds of programs develop, it becomes important that county data be obtained so that specific areas can be addressed relative to the extent of impact that may occur if and when other developments come into the area.

It is hoped this report will serve the needs of those using these agricultural statistics. This statistical report is made possible under an agreement between the Utah Department of Agriculture and the USDA Statistical Reporting Service. As Commissioner of Agriculture, I congratulate the people who are responsible for the publication of this report.

Sincerely,

Kenneth B. Creer

Dr. Kenneth B. Creer
Commissioner

UTAH AGRICULTURAL STATISTICS 1982

This report has been compiled and published as a cooperative effort and function of the following agencies of Federal and State Government.

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We would like to thank Cleon Cotter, USU Extension Service; and producer groups around the state for photographs used in this publication.

INTRODUCTION

The year of 1981 will be long remembered by people in agriculture as one of the tough years. Almost every season, some phase of the food production chain is beset by hard times, but in 1981 the gloom spread over much of the industry. Large supplies of meats and depressed demand kept cattle, hog, and poultry producers in the red for much of the year. Record grain production and slow sales kept a lid on prices in that part of agriculture. Because of high interest rates and a cool world economy, exports were slow during the year.

On the other side of the coin, costs of production continued to rise. There was some moderation, led by dips in feed and fuel costs, but overall prices paid rose faster than those received by farmers, meaning a net loss in income.

The purpose of this publication is to serve the information needs of Utah agriculture. Subscribers are spread from coast to coast, and from boarder to boarder. Uses range from farm management decisions to export market development. Information is the lubricant that keeps the wheels of agriculture running smoothly. It aids in production planning. It is vital to orderly marketing. It is a key element in all agricultural research. It dispels rumors and quiets speculation. Sometimes the news is good, sometimes bad, but it is always useful in making the experience of the past serve the needs of the present and the future.

We hope that the 1982 edition of "Utah Agricultural Statistics" will help tell the story of agriculture's contribution to the state's economy. We feel it is important to keep an increasingly urban population informed on the condition of this vital industry. It is also important to remember that life, as we know it in America, is totally dependent on a healthy farm economy.

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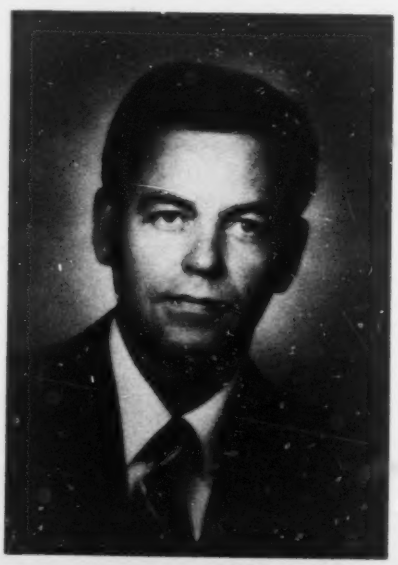

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COMMISSIONER'S LETTER

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POPULATION

Population of Counties, Utah

County	U. S. Census - April 1, 1980						July 1, 1981 Est. 2/
	Total	Urban		Rural			
		Total Urban 1/	Percent of Total	Total Rural	Places of 1,000 to 2,500	Other Rural	Total
Beaver	4,378	--	--	4,378	3,085	1,293	4,600
Box Elder	33,222	19,060	57.3	14,162	3,730	10,432	34,100
Cache	57,176	38,464	67.3	18,712	11,095	7,617	60,000
Carbon	22,179	11,810	53.2	10,369	3,348	7,021	23,200
Daggett	769	--	--	769	--	769	850
Davis	146,540	143,499	97.9	3,041	--	3,041	154,000
Duchesne	12,565	3,842	30.6	8,723	1,677	7,046	13,100
Emery	11,451	--	--	11,451	8,209	3,242	12,100
Garfield	3,673	--	--	3,673	1,343	2,330	3,700
Grand	8,241	5,333	64.7	2,908	92	2,816	8,400
Iron	17,349	10,972	63.2	6,377	1,836	4,541	18,000
Juab	5,530	3,285	59.4	2,245	--	2,245	5,600
Kane	4,024	--	--	4,024	2,148	1,876	3,950
Millard	8,970	--	--	8,970	4,013	4,957	9,600
Morgan	4,917	--	--	4,917	1,896	3,021	5,100
Piute	1,329	--	--	1,329	--	1,329	1,400
Rich	2,100	--	--	2,100	--	2,100	2,250
Salt Lake	619,056	613,466	99.1	5,600	--	5,600	641,000
San Juan	12,253	3,118	25.4	9,135	1,929	7,206	12,700
Sanpete	14,620	2,810	19.2	11,810	6,470	5,340	15,400
Sevier	14,727	5,482	37.2	9,245	3,468	5,777	15,200
Summit	10,198	2,823	27.7	7,375	2,095	5,280	11,000
Tooele	26,033	18,754	72.0	7,279	2,745	4,534	16,900
Uintah	20,506	6,600	32.2	13,906	2,216	11,690	22,100
Utah	218,106	197,267	90.4	20,839	6,843	13,996	229,000
Wasatch	8,523	4,362	51.2	4,161	1,194	2,967	8,800
Washington	26,065	14,442	55.4	11,623	5,635	5,988	27,900
Wayne	1,911	--	--	1,911	--	1,911	1,950
Weber	144,616	127,671	88.3	16,945	2,379	14,566	148,000
State Total *	1,461,037	1,233,060	84.4	227,977	77,446	150,531	*1,520,000

1/ Urban population includes persons living in areas or places of 2,500 inhabitants or more. 2/ State Planning Commission, State of Utah.
*May not add due to rounding.

Farm Population vs. Total Population, Utah, 1920-1980 Censuses

Year	Total Population	Farm Population	
		Number	% of Total
1920	451,000	141,000	31.3
1930	508,000	116,000	22.8
1940	550,000	105,000	19.1
1950	689,000	81,000	11.8
1960	891,000	65,000	7.3
1970	1,059,000	38,000	3.6
1980	1,461,000	N/A	N/A

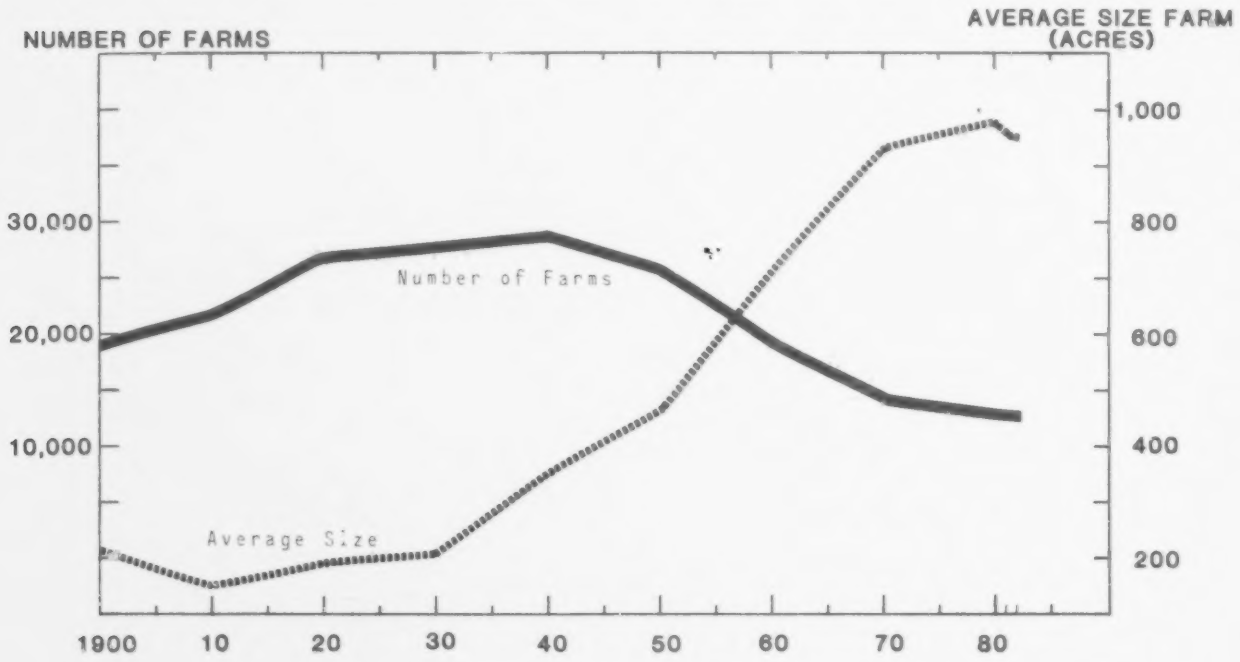
"Farm Population Estimates" Rural Development Service, USDA Statistical Bulletin.

NUMBER OF FARMS

Since the depression of the 1930's, farm numbers have shown an almost steady decline--not only in Utah, but across the country. The trend has been to larger, more capital intensive farms with continually decreasing labor requirements. This growth, in size of farms, and increased mechanization, has enabled the American farmer to take advantage of many production innovations. The result is an agriculture industry that is the envy of the world, and an upward productivity spiral that can't be matched by any other segment of our economy. Corn is a striking example of this efficiency. Since the mid-1930's, when farm numbers were at a high, yield per acre for corn has increased fourfold. The result is that on one-fourth less acreage, we now produce three times as much corn.

For the past several years, farm numbers have leveled out in Utah and, in fact, have increased in some western states. Consolidation has continued, of course, but at the same time some larger farms have been broken up into smaller "hobby" farms. As a result of this, and the continual loss of some land to urban development, the average size farm has dropped by 47 acres since 1975. The trend toward commercial farms will probably continue. Experts expect fewer but larger farms in order to take advantage of production innovations that come along.

UTAH - NUMBER OF FARMS AND AVERAGE ACREAGE PER FARM, 1900 - 1982



Number of Farms and Land in Farms, Selected Years 1850-1982 1/.

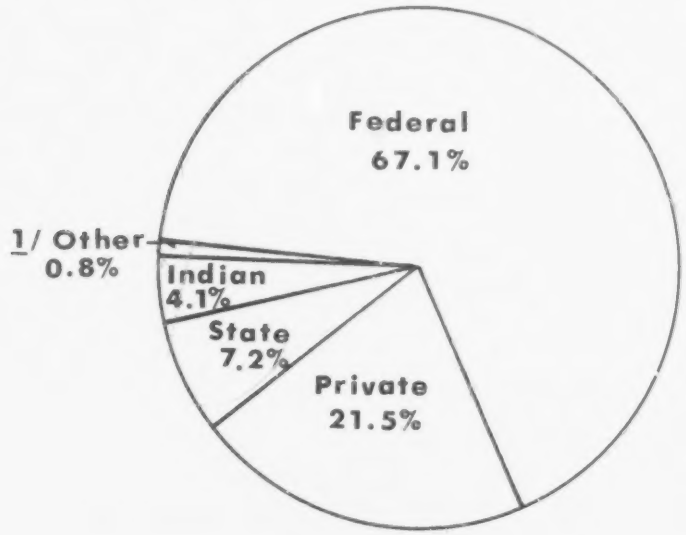
Year	UTAH			UNITED STATES		
	Farms	Land in Farms		Farms	Land in Farms	
		Average	Total		Average	Total
	Number	Acres	1,000 Acres	1,000	Acres	1,000,000 Acres
1850.....	926	51	47	1,449	203	294
1860.....	3,635	25	90	2,044	199	407
1880.....	9,452	69	656	4,009	134	536
1900.....	19,387	212	4,117	5,737	146	839
1920.....	25,662	197	5,050	6,448	148	956
1930.....	27,159	207	5,613	6,289	157	987
1936 2/.....	30,800	--	--	--	--	--
1940.....	28,500	354	10,100	6,097	174	1,061
1950.....	25,800	465	12,000	5,382	215	1,159
1960.....	19,000	716	13,600	3,963	297	1,176
1965.....	16,500	818	13,500	3,356	340	1,140
1970.....	14,100	936	13,200	2,949	374	1,102
1975 3/.....	12,600	1,000	12,600	2,521	420	1,059
1976.....	12,700	992	12,600	2,497	422	1,054
1977.....	12,800	984	12,600	2,456	427	1,048
1978.....	12,900	977	12,600	2,436	429	1,045
1979.....	13,000	969	12,600	2,430	429	1,043
1980.....	13,000	969	12,600	2,428	429	1,042
1981.....	13,000	954	12,400	2,436	429	1,045
1982 4/.....	12,900	953	12,300	2,437	429	1,046

1/ 1850-1931 from U.S. Census of Agriculture--1940-82 are USDA estimates.
2/ Record high number of farms in Utah.
3/ Starting with 1975 the figures are based on the "new definition" which is a place with annual sales of agricultural products of $1,000 or more. Prior to this definition "a farm" included places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.
4/ Preliminary.

LAND INVENTORY

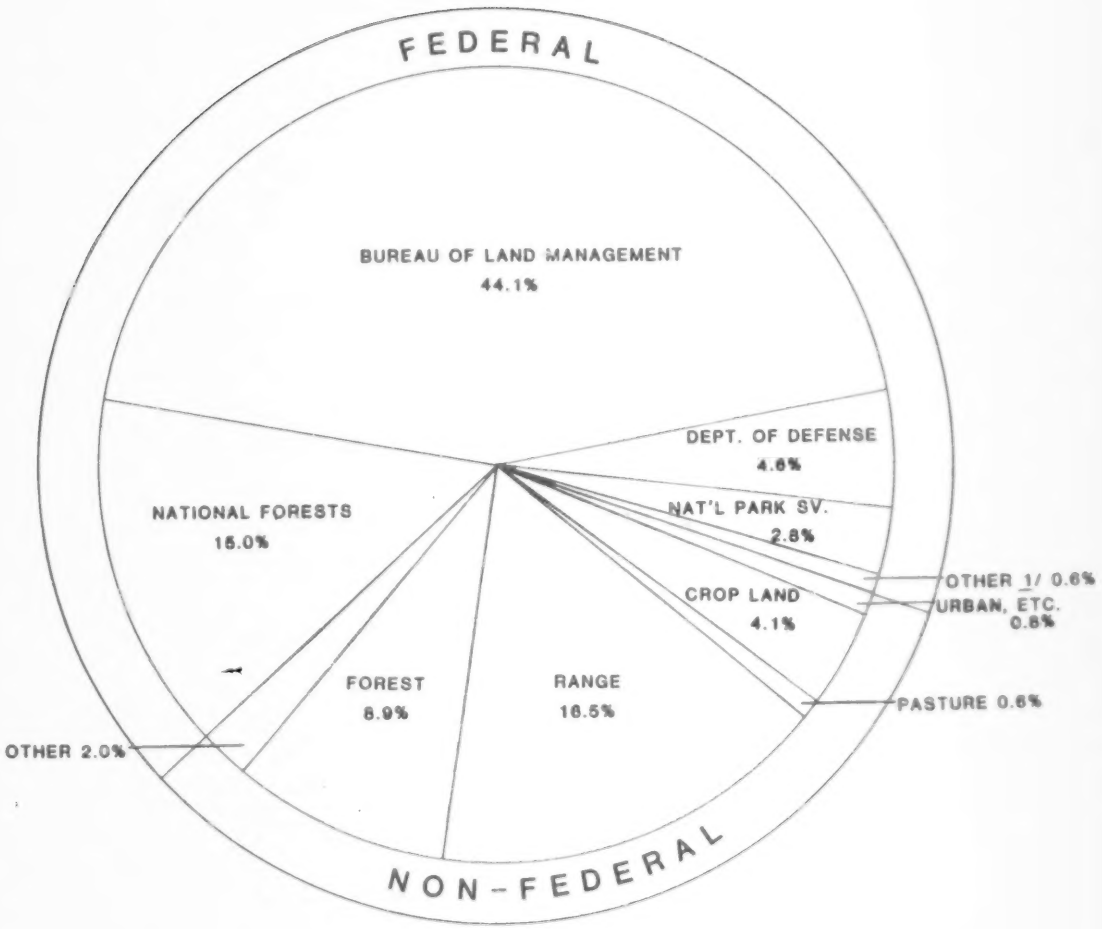
Most of Utah's land area is used for agricultural purposes, however, the great majority is suitable only for grazing livestock. According to the Utah Conservation Needs Inventory Report, Soil Conservation Service, U.S. Department of Agriculture, October 1970, only 4.1 percent of the land area in Utah was cropland in 1967. Of this amount, nearly two-thirds was irrigated cropland. Counties in north central Utah had the highest proportion of their land area in cropland--varying from 10.6 percent in Utah and Box Elder Counties to 25.4 percent in Cache. In other sections of the State, every county had less than 10 percent of its land area in cropland and most had less than 4 percent with the lowest, 0.3 percent, in Grand.

Two-thirds of the land in Utah is under Federal ownership and control. State owned lands amount to 7 percent of the total area and Indian lands are 4 percent of the total. Urban areas, roads, railroads, and small water areas account for less than 1 percent of the total. This leaves only about 21 percent of the state's land area under private ownership (excluding cities and towns). In north central counties, private ownership as a percent of the total land varies from 47 percent to 92 percent. In contrast, in south central and southeast counties, only 4 to 8 percent of the land area is under private ownership.



LAND AREA BY OWNERSHIP, UTAH 1967
(Total exceeds 100% due to duplication in one county.)

1/ Urban, roads, railroads, and small water areas.



USE OF NON-FEDERAL LANDS AND ADMINISTRATION
OF FEDERAL LANDS, UTAH, 1967.

1/ Other Federal includes Bureau of Reclamation and Fish and Wildlife Service.

Cropland: Irrigated, Nonirrigated, and Total, Utah 1967.

County	Cropland				Total Land Area
	Irrigated	Non-irrigated	Total	Percentage of Total Land Area	
	Acres	Acres	Acres	Percent	Acres
Beaver....	39,441	668	40,109	2.4	1,653,760
Box Elder.	120,642	261,224	381,866	10.6	3,601,280
Cache.....	103,468	87,243	190,711	25.4	751,360
Carbon....	16,617	--	16,617	1.8	946,530
Daggett...	10,985	--	10,985	2.5	438,680
Davis.....	36,472	3,515	39,987	21.0	190,080
Duchesne..	74,963	46	75,009	3.6	2,083,900
Emery.....	46,295	--	46,295	1.6	2,844,580
Garfield..	31,869	1,863	33,732	1.0	3,318,400
Grand.....	5,934	165	6,099	0.3	2,366,080
Iron.....	59,146	21,990	81,136	3.8	2,112,000
Juab.....	23,844	68,371	92,215	4.2	2,183,680
Kane.....	8,912	5,011	13,923	0.5	2,570,240
Millard...	112,340	70,384	182,724	4.2	4,347,520
Morgan....	11,401	7,335	18,736	4.8	390,400
Piute.....	25,993	--	25,993	5.4	482,560
Rich.....	48,386	11,616	60,002	9.2	654,720
Salt Lake.	51,375	34,248	85,623	17.5	488,960
San Juan..	7,111	138,905	146,016	2.9	4,991,360
Sanpete...	84,130	12,575	96,705	9.5	1,022,080
Sevier....	64,836	2,612	67,448	5.5	1,234,560
Summit....	40,497	3,360	43,857	3.7	1,188,660
Tooele....	18,859	20,917	39,776	0.9	4,430,720
Uintah....	83,435	3,760	87,195	3.0	2,862,080
Utah.....	103,757	33,474	137,231	10.6	1,288,960
Wasatch...	26,959	--	26,959	3.5	762,240
Washington	21,751	16,318	38,069	2.5	1,553,280
Wayne.....	21,815	--	21,815	1.4	1,591,040
Weber.....	47,394	959	48,353	13.0	371,840
State.....	1,348,627	806,559	2,155,186	4.1	52,721,550

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U. S. Department of Agriculture, October, 1970.

Land Area in Utah by Ownership 1/, 1967.

County	State	Federal	Indian	Urban Roads & Railroads	Small Water 2/	Private	Total
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver	156,330	1,266,443	--	10,646	187	220,154	1,653,760
Box Elder	199,880	1,633,700	--	26,284	150	1,741,266	3,601,280
Cache	28,680	268,131	--	18,235	919	435,395	751,360
Carbon	96,092	455,233	--	9,290	1,130	384,785	946,530
Daggett	24,171	348,341	--	2,066	550	63,552	438,680
Davis	812	42,671	--	23,646	118	122,833	190,080
Duchesne	74,502	980,597	240,164	4,317	733	783,587	2,083,900
Emery	304,624	2,325,218	--	12,095	220	202,423	2,844,580
Garfield	222,712	2,953,729	--	8,662	960	132,337	3,318,400
Grand 3/	362,105	2,053,635	200,274	10,149	20	157,488	2,366,080
Iron	134,803	1,215,203	--	14,698	20	747,276	2,112,000
Juab	178,526	1,569,966	39,038	13,569	50	382,531	2,183,680
Kane	217,996	2,200,574	--	6,346	36	145,288	2,570,240
Millard	400,955	3,286,068	--	24,602	1,240	634,655	4,347,520
Morgan	9,982	17,290	--	3,781	131	359,216	390,400
Piute	57,220	357,186	--	2,577	640	64,937	482,560
Rich	67,695	219,695	--	4,376	118	362,836	654,720
Salt Lake	4,286	110,335	--	66,118	243	307,978	488,960
San Juan	325,317	2,985,630	1,247,563	15,253	997	416,600	4,991,360
Sanpete	42,679	531,989	--	11,876	400	435,136	1,022,080
Sevier	46,187	939,842	--	12,285	247	235,999	1,234,560
Summit	11,481	516,934	--	6,610	1,380	652,255	1,188,660
Tooele	219,971	3,659,502	17,763	15,908	22	517,554	4,430,720
Uintah	232,625	1,856,529	411,023	10,576	1,396	349,931	2,862,080
Utah	64,136	572,302	--	52,414	403	599,705	1,288,960
Wasatch	56,252	450,035	--	3,622	253	252,078	762,240
Washington	94,556	1,171,516	--	10,232	140	276,836	1,553,280
Wayne	146,651	1,338,875	--	5,416	133	99,965	1,591,040
Weber	4,070	70,105	--	24,365	1,542	271,758	371,840
State Total	3,785,296	35,397,274	2,155,825	430,014	14,378	11,356,354	52,721,550

1/ Water areas of more than 40 acres and rivers wider than one-eighth mile have been excluded.
2/ Water areas of 2 to 40 acres and streams less than one-eighth mile in width.
3/ An overlap between Federal and non-Federal land in Grand County by 417,591 acres.

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U.S. Department of Agriculture, October, 1970.

Use of Land in Utah 1/ Excluding Federal, Urban, and Small Water 2/, 1967.

County	Cropland	Pasture	Range	Forest	Other	Cross Total	Total All Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver	40,109	4,001	265,721	58,031	8,622	376,484	1,653,760
Box Elder	381,866	108,365	1,097,909	195,992	157,014	1,941,146	3,601,280
Cache	190,711	1,138	162,889	101,042	8,295	464,075	751,360
Carbon	16,617	--	166,869	277,199	20,192	480,877	946,530
Daggett	10,985	12	55,617	17,896	3,213	87,723	438,680
Davis	39,987	1,683	50,793	23,603	7,579	123,645	190,080
Duchesne	75,009	1,622	393,956	558,557	69,109	1,098,253	2,083,900
Emery	46,295	--	325,791	54,565	80,396	507,047	2,844,580
Garfield	33,732	3,660	227,139	60,120	30,398	355,049	3,318,400
Grand	6,099	1,664	137,270	150,016	7,227	302,276	2,366,080
Iron	81,136	17,830	445,196	321,375	16,542	882,079	2,112,000
Juab	92,215	7,508	252,695	230,551	17,126	600,095	2,183,680
Kane	13,923	11,795	84,813	250,708	2,045	363,284	2,570,240
Millard	182,724	6,431	670,372	91,535	84,548	1,035,610	4,347,520
Morgan	18,736	5,212	192,045	148,087	5,118	369,198	390,400
Piute	25,993	438	67,311	16,248	12,167	122,157	482,560
Rich	60,002	42,173	271,614	47,048	9,694	430,531	654,720
Salt Lake	85,623	10,556	132,385	69,594	14,106	312,264	488,960
San Juan	146,016	60,531	1,263,007	462,318	57,608	1,989,480	4,991,360
Sanpete	96,705	19,937	138,981	209,779	12,413	477,815	1,022,080
Sevier	67,448	884	117,159	83,985	12,710	282,186	1,234,560
Summit	43,857	1,718	284,292	292,359	41,510	663,736	1,188,660
Tooele	39,776	2,326	418,469	214,332	80,385	755,288	4,430,720
Uintah	87,195	1,561	560,420	179,040	165,363	993,579	2,862,080
Utah	137,231	4,571	325,014	188,644	8,381	663,841	1,288,960
Wasatch	26,959	292	126,829	141,333	12,917	308,330	762,240
Washington	38,069	4,729	181,112	124,459	23,023	371,392	1,553,280
Wayne	21,815	--	171,645	10,465	42,691	246,616	1,591,040
Weber	48,353	1,770	117,803	86,346	21,556	275,828	371,840
State Total	2,155,186	322,407	8,705,116	4,665,227	1,031,948	16,879,884	52,721,550

1/ Water areas of more than 40 acres and rivers wider than one-eighth mile are excluded.
2/ Water areas of 2 to 40 acres and streams less than one-eighth mile in width.

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U.S. Department of Agriculture, October, 1970.

Federal Land Acreage in Utah, Counties and State, 1982*.

County	Total Federal	National Forest	Bureau of Land Management	Department of Defense	Fish and Wildlife Service	National Park Service	Bureau of Reclamation
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver.....	1,387,391	137,859	1,249,532	--	--	--	--
Box Elder...	1,192,561	100,834	816,179	208,315	65,030	2,203	--
Cache.....	279,670	269,646	363	--	--	--	9,661
Carbon.....	489,054	30,199	429,177	3,628	--	--	26,050
Daggett.....	337,286	258,938	78,348	--	--	--	--
Davis.....	136,390	39,266	--	6,623	--	--	90,501
Duchesne....	1,079,105	726,175	201,200	--	--	--	151,730
Emery.....	2,314,935	212,883	2,085,301	--	2,581	--	14,170
Garfield....	3,082,983	1,045,527	1,577,173	--	--	460,283	--
Grand.....	1,665,451	57,527	1,534,287	--	--	73,637	--
Iron.....	1,167,749	243,525	915,218	--	--	9,006	--
Juab.....	1,637,712	117,838	1,501,882	--	17,992	--	--
Kane.....	2,207,404	124,284	1,607,998	--	--	475,122	--
Millard.....	3,396,516	362,586	3,029,788	--	4,142	--	--
Morgan.....	18,694	13,753	4,941	--	--	--	--
Piute.....	352,677	190,594	162,083	--	--	--	--
Rich.....	222,277	51,704	170,573	--	--	--	--
Salt Lake...	118,811	94,516	2,941	21,354	--	--	--
San Juan....	2,733,006	450,546	1,700,508	--	--	581,952	--
Sanpete.....	611,157	389,159	207,252	--	--	--	14,746
Sevier.....	994,500	715,273	274,577	--	--	4,650	--
Summit.....	523,211	519,471	3,740	--	--	--	--
Tooele.....	3,206,555	150,191	1,471,875	1,583,318	--	--	1,171
Uintah.....	1,753,910	270,430	1,343,528	--	11,949	42,093	85,910
Utah.....	649,212	485,392	70,841	--	2	250	92,727
Wasatch.....	373,434	369,064	4,370	--	--	--	--
Washington..	1,117,082	394,394	588,379	--	--	134,309	--
Wayne.....	1,490,965	156,485	1,036,642	--	--	297,838	--
Weber.....	203,659	67,732	80	2,071	--	--	133,776
State Total 1982.....	34,743,357	8,045,791	22,068,776	1,825,309	101,696	2,081,343	620,442

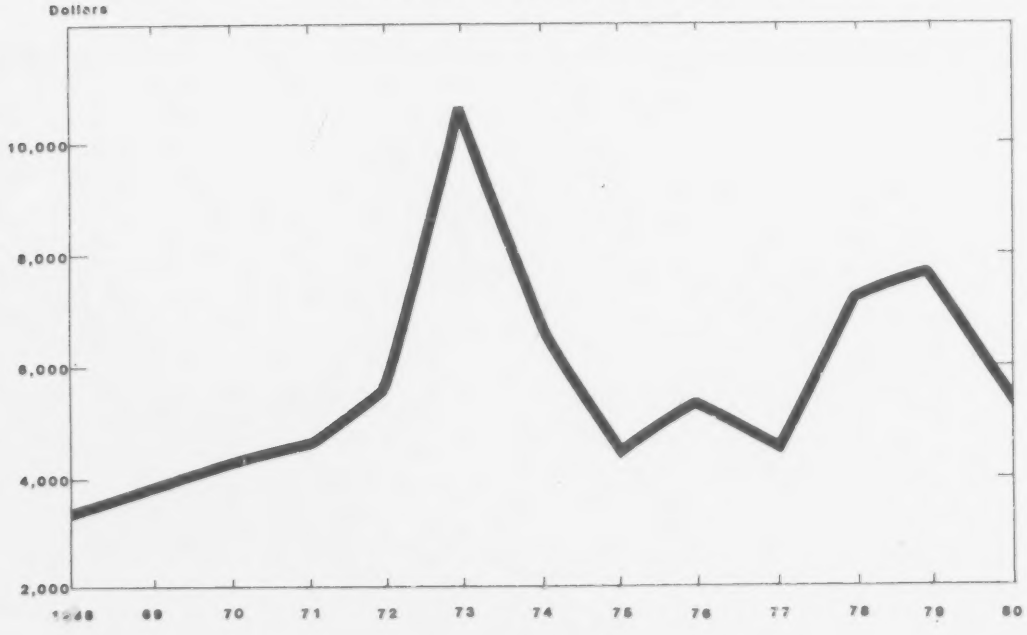
*Acreage supplied by the named agencies. In some cases, county breakouts are approximations. Current acreage figures should be obtained from the agency concerned.

FARM INCOME

Cash receipts to farming continued to climb in 1981; but gains, in recent years, have largely been the result of inflation--with very little benefit returning to the farmer or rancher. Cash receipts rose to $531.7 million for the year, up a modest 1 percent from 1980. Crop sales were up 3 percent, while livestock rose by less than 1 percent. Last year's growth rate was the slowest in several years.

The income position of farmers, however, is not measured by cash receipts, but by income minus expenses. The preliminary net income figure for 1980 shows Utah at $46.4 million, the lowest since 1967 and less than half the 1978 level. Production expenses were up a sharp 14 percent in 1980 and were nearly three times the level of 1970. In 1980, feed costs rose 11 percent, due in part to the drought reduced grain crops. At the same time, the cost of replacement livestock was off 10 percent. For 1980, the largest cost increase was for fertilizer--up 29 percent. Fertilizer prices are closely tied to the oil market, and 1980 saw record levels for oil products. Also up sharply were mortgage interest expenses, and operating and repair costs--both with a 19 percent jump.

UTAH, NET INCOME, 1968 - 1980



In 1981, many of these cost increases moderated. Oil prices stabilized, feed costs started down, and interest rates held about level. In spite of the plateau in operating costs, 1981 was a poor year for farmers. While costs were level, they did not decline, but prices received for farm products did decline. Grain prices in particular came down sharply as record production came in at harvest time. Cattle prices, of particular importance in Utah, ran between $10 and $15 per hundredweight (cwt.) below the two previous years. The national Index of Prices Paid during 1981 rose 9 percent, but overall, prices received were up by only 3 percent. The net effect was about a 5 percent cut in pay to the nation's farmers.

CASH RECEIPTS BY COMMODITIES

UTAH, 1980

Cash Receipts by Commodities, Utah, Selected Years.

Commodity	1950	1960	1975	1/1979		1/1980	
	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	Percent	1,000 Dollars	Percent
All Commodities.....	152,542	161,989	330,188	499,990	100.0	524,013	100.0
Livestock Products.....	113,303	127,250	234,410	373,203	74.6	383,946	73.3
Meat Animals.....	56,108	62,968	99,403	188,300	37.7	185,203	35.3
Cattle, Calves.....	38,794	48,989	76,200	164,782	33.0	157,420	30.0
Sheep, Lambs.....	13,535	11,402	17,234	18,334	3.7	22,469	4.3
Hogs.....	3,779	2,577	5,969	5,184	1.0	5,314	1.0
Dairy Products.....	21,717	28,843	77,919	110,901	22.2	127,449	24.3
Milk Wholesale.....	19,004	28,083	73,100	104,715	20.9	122,500	23.4
Milk Retail.....	2,080	540	4,819	6,186	1.2	4,949	0.9
Other.....	633	220	--	--	--	--	--
Poultry and Eggs.....	26,747	24,429	40,320	46,884	9.4	43,889	8.4
Turkeys.....	9,984	13,733	27,796	32,263	6.5	26,740	5.1
Eggs.....	12,936	8,638	11,265	14,362	2.9	16,905	3.2
Farm Chickens.....	2,876	305	119	259	0.1	244	*
Other.....	951	1,753	1,140	--	--	--	--
Misc. Livestock.....	8,731	11,010	16,768	27,118	5.4	27,405	5.2
Wool.....	6,844	4,351	2,702	5,031	1.0	5,330	1.0
Honey.....	270	272	1,089	1,238	0.2	927	0.2
Beeswax.....	21	15	39	67	*	66	*
Other.....	1,596	6,372	12,938	20,782	4.2	21,082	4.0
Crops.....	39,239	34,739	95,778	126,787	25.4	140,067	26.7
Food Grains.....	10,571	6,422	24,045	23,801	4.8	30,411	5.8
Wheat.....	10,537	6,418	24,031	23,801	4.8	30,411	5.8
Other.....	34	4	14	--	--	--	--
Feed Crops.....	5,864	8,634	31,706	47,128	9.4	54,943	10.5
Hay.....	2,886	6,202	21,658	35,951	7.2	41,682	8.0
Barley.....	2,551	2,087	7,185	8,100	1.6	10,348	2.0
Corn.....	46	135	2,534	2,706	0.5	2,491	0.5
Oats.....	381	210	329	371	0.1	422	0.1
Vegetables.....	8,661	6,654	12,517	12,721	2.5	14,858	2.8
Potatoes.....	3,031	3,371	5,272	4,121	0.8	4,635	0.9
Onions.....	373	434	2,164	4,397	0.9	5,455	1.0
Dry Beans.....	168	105	1,506	564	0.1	966	0.2
Misc. Vegetables.....	5,089	2,744	3,575	3,639	0.7	3,802	0.7
Fruits, Nuts.....	2,019	3,309	7,972	20,648	4.1	15,420	2.9
Apples.....	667	512	2,857	6,253	1.3	6,749	1.3
Peaches.....	373	559	2,090	1,972	0.4	1,855	0.4
Cherries.....	239	829	1,882	9,804	2.0	4,769	0.9
Pears.....	112	497	591	1,372	0.3	1,070	0.2
Apricots.....	43	260	185	768	0.2	486	0.1
Other Fruits, Nuts.....	585	652	367	479	0.1	491	0.1
All Other Crops.....	12,124	9,720	19,538	22,489	4.5	24,435	4.7
Sugar Beets.....	6,046	5,164	9,566	1,164	0.2	466	0.1
Greenhouse Nursery.....	1,382	1,600	4,060	10,941	2.2	13,100	2.5
Alfalfa Seed.....	4,428	1,722	3,892	4,901	1.0	3,327	0.6
Forest Products.....	3	30	120	200	*	400	0.1
Other Crops.....	265	204	1,900	5,283	1.1	7,142	1.4

1/ Source: Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics, 1980, November 1981, Statistical Bulletin No. 678, Economics and Research Service, USDA. Note: Data for some items are confidential and are not listed. Also, data for minor commodities are not shown separately. Both classes of items are included in group totals.

*Less than 0.05 percent. Percents may not be accurate to 0.1 in last place because of method of machine computation.

Cash Receipts, Gross and Net Income from Farming, Utah, Selected Years.

Item	1940	1/1950	1/1960	1/1970	1/1978	1/1979	1/1980	2/1981
	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $
Total for State								
Cash Receipts:								
Crops	12.6	--	--	--	102.8	126.8	140.1	144.9
Livestock & Livestock Products	34.0	--	--	--	350.0	373.2	383.9	386.8
Crops and Livestock	46.6	152.5	162.8	222.1	452.8	500.0	524.0	531.7
Government Payments	2.8	2.4	6.6	11.1	20.2	5.2	5.1	--
Nonmoney Farm Income	--	13.4	13.5	16.8	53.4	68.8	76.2	--
Other Farm Income	--	0.2	1.6	2.3	6.5	8.1	8.4	--
Realized Gross Farm Income 3/	--	168.6	184.5	252.4	532.9	582.0	613.7	--
Farm Production Expenses	--	108.9	148.2	194.3	426.8	498.3	567.3	--
Realized Net farm Income 4/	--	59.6	36.2	58.1	106.1	83.7	46.4	--
Net Change in Farm Inventories	--	4.4	-5.8	1.9	-13.8	14.8	22.1	--
Total Net Farm Income 5/	--	64.0	30.4	60.1	92.3	98.5	68.5	--
Average Per Farm	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
Realized Gross Income per Farm	--	6,534	5,708	17,901	41,310	44,772	47,210	--
Realized Net Income per Farm	--	2,312	1,906	4,122	8,221	6,438	3,569	--
Total Net Income per Farm	--	2,481	1,599	4,261	7,152	7,577	5,266	--

1/ Source: "Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics, 1980", Statistical Bulletin No. 678, November 1981, Economics & Research Service, USDA. 2/ Source: Cash Receipts from Farm Marketings, January-December, February, 1982. 3/ Cash Receipts plus government payments, nonmoney farm income, and other farm income. 4/ Realized gross farm income less farm production expenses. 5/ Realized net farm income plus net change in farm inventories.

Farm Operating Expenses, Utah, Selected Years.

Item	1950	1960	1970	1/1978	1/1979	1/1980
	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $
Feed	25.9	32.1	42.9	79.4	91.1	101.0
Livestock	12.2	11.6	14.6	24.3	31.9	28.8
Seed	2.7	2.2	2.6	8.0	9.1	10.4
Fertilizer & Lime	1.7	1.9	4.1	9.1	8.9	11.5
Repairs and Operation of Capital Items	15.8	21.4	25.2	65.4	79.3	94.1
Miscellaneous	11.5	16.4	27.1	73.7	90.8	104.4
Hired Labor	14.7	15.0	15.1	29.4	30.9	35.7
Total Current Farm Operating Expenses	84.5	100.7	131.6	289.2	342.1	385.8
Depreciation & Other consumption of Farm Capital	13.3	20.9	33.7	82.4	95.4	114.2
Taxes of Farm Property	5.7	8.0	10.4	19.1	19.5	19.7
Interest on Farm Mortgage Debt	2.1	5.2	8.0	21.8	27.1	32.3
Net Rent to Nonfarm Landlords	2.9	4.9	5.5	14.4	14.2	15.3
Total Production Expenses (Revised 9/80)	108.9	148.2	194.3	426.8	498.3	567.3

1/ Source: "Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics, 1980", November 1981, Statistical Bulletin No. 678, Economics and Research Service, USDA.

FIELD & SEED CROPS

The 1981 crop season began with significant concern over moisture and irrigation water supplies. The second week of April brought recurring periods of shower and thunderstorm activity over much of the state, temporarily ending water supply problems.

Temperatures were slightly below normal for the first few weeks of the growing season, but by June, temperature ranges were back to normal. Crop progress, during the end of June and for the month of July, was very good. Except for some serious frost damage during late May and the third week of June, growing conditions could not have been better. The only significant damage, resulting from the frost, was to small grains and corn, but the damage was localized and missed the major grain producing counties of the state.

Hot, dry weather plagued the month of August, and farmers became increasingly concerned about water supplies for their late season crops. Timely rains over Labor Day weekend brought welcome relief, especially to those irrigators who had run out of water. The rains continued through September, aiding late season crops a great deal. Recurring periods of rain in October provided adequate soil moisture for fall seeding of wheat and barley. Mild temperatures during the fall greeted farmers who were reworking the soil and harvesting their late season crops.

Winter Wheat: The winter wheat crop yielded 33 bushels to the acre--up 2 bushels from last year--and set a new yield record, topping the previous record established in 1980. Planted acreage was down 10,000 acres, to 250,000 acres. The area harvested decreased 6 percent from 1980 to 227,000 acres, but the increased yield enabled grain farmers to establish a new production record of 7,506,000 bushels.

Spring Wheat: The final production figure for spring wheat stands at 1,350,000 bushels, down 6 percent from the previous year. Producers harvested 30,000 of the 32,000 acres planted--unchanged from 1980. The spring wheat crop yielded 45.0 bushels per acre, down 3 bushels from the season before.

Barley: Barley, hardest hit by the spring frost, came in at 9,834,000 bushels, down 970,000 bushels from 1980. Yield per acre stood at 66 bushels, down 7 bushels from last season. Harvested area increased 1,000 acres over 1980, at 149,000 acres. Planted area was up 2,000 acres, at 164,000 acres.

Oats: Production of oats was 798,000 bushels, down 13 percent from 1980. Area harvested, at 14,000 acres, decreased 1,000 acres from the previous year; and yield, at 57 bushels per acre, was down 4 bushels per acre. Planted area was unchanged from the two previous years, at 26,000 acres.

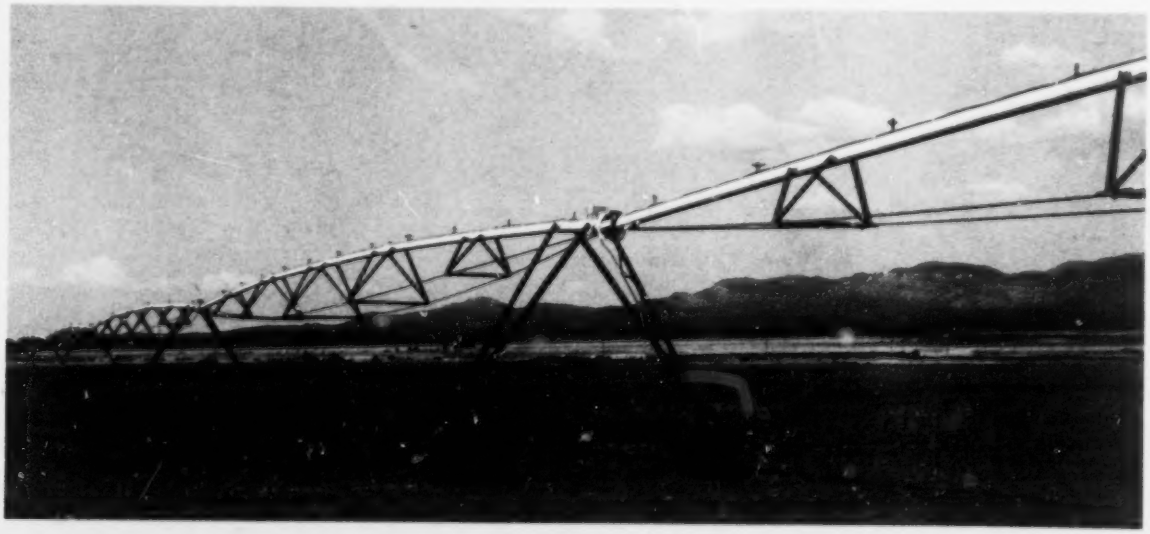
Potatoes: Utah potato yield decreased for the second year in a row, and stands at 220 hundredweight (cwt.) per acre--down 5 and 30 cwt., respectively, from 1980 and 1979. Production increased 9 percent, to 1,276,000 cwt., explained by a 10 percent increase in harvested area, to 5,800 acres.

Dry Edible Beans: The 1981 crop of dry edible beans was the largest since 1975. Planted acreage jumped from 12,000 acres in 1980, to 15,000 acres in 1981. Bean growers harvested 14,000 of the 15,000 acres planted, and realized a yield of 430 pounds per acre--up 50 pounds from 1980 and 30 pounds from 1979. Production of dry edible beans totaled 60,000 cwt., up 43 percent from the previous year, and 88 percent above 1979.

Hay: This is the third consecutive year Utah farmers set a production record for alfalfa hay. Utah producers cut 1,948,000 tons of alfalfa and alfalfa mixtures for hay, up 6 percent from the record set in 1980, and 8 percent above the previous record set in 1979. The 1981 yield came in at 4.1 tons per acre, up 0.2 ton from last year. Harvested area was 5,000 acres above last year, at 475,000 acres. This was also the third consecutive year that a production record had been set for all hay. A production of 2,186,000 tons, on 600,000 acres, calculates to an all hay yield of 3.64 tons per acre--up 0.18 ton from 1980.

Corn for Grain: Utah corn producers set a yield record for the second year in a row. Yield per acre was 110.0 bushels per acre, up 10.0 bushels from last year. Harvested acreage, at 15,000 acres, remained the same as last year. Production of grain was 1,650,000 bushels, up 10 percent from last year.

Corn for Silage: Corn silage acreage harvested went from 79,000 acres in 1980 to 70,000 acres this year, or a 13 percent reduction. The yield increased 0.5 ton per acre from 1980 to 19.5 tons per acre. Production of corn silage for 1981 was 1,365,000 tons, down 10 percent from 1980. The decrease in production and harvested acreage was due to the 10 percent reduction in planted acreage. Planted acres went from 100,000 acres in 1980, to 90,000 acres in 1981.



Efficient irrigation makes crop production possible in Utah

Corn: Acreage Planted and Acreage Harvested by Use, Utah, Selected Years.

Year	Planted Total	Harvested			
		Total	For Silage	For Grain	For Forage 1/
	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres
1940	29	27	10	10	7
1950	31	30	21	5	4
1960	49	47	41	3	3
1970	63	62	49	10	3
1973	90	89	74	13	2
1974	95	94	78	14	2
1975 2/	100	98	80	15	3
1976 2/	100	98	80	15	3
1977	80	78	62	13	3
1978	92	90	71	16	3
1979	96	94	76	16	2
1980 2/	100	97	79	15	3
1981	90	87	70	15	2

1/ Includes corn hogged, grazed, and that cut and fed without removing ears. 2/ Record high acreage of corn.

Corn for Silage: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production
	1,000 Acres	Ton	1,000 Tons	Dollars per Ton	1,000 Dollars
1940	10	9.4	94	--	--
1950	21	11.0	231	7.50	1,732
1960	41	14.5	594	8.00	4,752
1970	49	18.0	882	9.80	8,644
1973	74	17.5	1,295	14.50	18,778
1974	78	17.0	1,326	17.20	22,807
1975 1/	80	18.0	1,440	15.90	22,896
1976 1/	80	16.0	1,280	17.30	22,144
1977	62	17.0	1,054	17.20	18,129
1978	71	16.0	1,136	15.80	17,949
1979	76	19.5	1,482	18.30	27,121
1980	79	19.0	1,501	21.10	31,671
1981	70	19.5	1,365	19.70	26,891

1/ Record high acreage of corn harvested for silage.

Corn Harvested for Grain: Acreage Harvested, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production	Sales	
						Quantity	Value 1/
	1,000 Acres	Bushel	1,000 Bushels	Dollars per Bu.	1,000 Dollars	1,000 Bushels	1,000 Dollars
1940	10	29.0	290	--	--	--	--
1950	5	50.0	250	--	--	--	--
1960	3	64.0	192	1.50	288	48	72
1970	10	90.0	900	1.40	1,260	495	693
1973	13	88.0	1,144	2.78	3,180	744	2,068
1974	14	80.0	1,120	3.10	3,472	739	2,291
1975	15	86.0	1,290	3.00	3,870	903	2,709
1976	15	90.0	1,350	2.55	3,443	945	2,410
1977	13	89.0	1,157	2.45	2,835	764	1,872
1978 2/	16	90.0	1,440	2.65	3,816	994	2,634
1979 2/	16	94.0	1,504	2.95	4,437	1,053	3,106
1980	15	100.0	1,500	3.75	5,625	1,050	3,938
1981	15	110.0	1,650	3.50	5,775	Discontinued April, 1981	

1/ Quantity sold times season average price. 2/ Record high acreage of corn harvested for grain.

Winter Wheat: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars
1940.....	191	180	19.0	3,420	.63	2,155
1950.....	344	326	16.0	5,216	1.86	9,702
1953 1/.....	362	342	17.0	5,814	1.90	11,047
1960.....	193	181	18.5	3,348	1.71	5,725
1970.....	200	191	27.0	5,157	1.41	7,271
1973.....	235	207	24.0	4,968	4.16	20,667
1974.....	259	243	26.0	6,318	4.01	25,335
1975.....	250	238	24.0	5,712	3.45	19,706
1976.....	265	235	23.5	5,523	2.57	14,194
1977.....	252	215	23.0	4,945	2.43	12,016
1978.....	263	231	29.0	6,699	2.99	20,030
1979.....	271	242	24.0	5,808	3.63	21,083
1980.....	260	242	31.0	7,502	3.87	29,033
1981.....	250	227	33.0	7,506	3.65	27,397

1/ Record high acreage of winter wheat harvested.

Spring Wheat: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars
1918 1/.....	--	160	25.0	4,000	1.88	7,520
1940.....	68	66	31.0	2,046	.65	1,330
1950.....	84	82	32.0	2,624	1.86	4,881
1960.....	52	48	40.5	1,944	1.61	3,130
1970.....	23	21	44.0	924	1.36	1,257
1973.....	50	47	29.0	1,363	4.07	5,547
1974.....	60	52	32.0	1,664	3.94	6,556
1975.....	59	50	33.0	1,650	3.42	5,643
1976.....	54	45	31.0	1,395	2.52	3,515
1977.....	33	30	24.0	720	2.43	1,750
1978.....	47	39	36.0	1,404	2.94	4,128
1979.....	43	40	41.0	1,640	3.48	5,707
1980.....	32	30	48.0	1,440	3.74	5,386
1981.....	32	30	45.0	1,350	3.60	4,860

1/ Record high acreage of spring wheat harvested.

All Wheat: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1940.....	259	246	22.2	5,466	.64	3,498		
1950.....	428	408	19.2	7,840	1.86	14,583	5,108	9,501
1953 2/.....	467	444	20.7	9,180	1.89	14,350		
1960.....	245	229	23.1	5,292	1.67	8,855	4,172	6,967
1970.....	223	212	28.7	6,081	1.40	8,528	5,333	7,479
1973.....	285	254	24.9	6,331	4.14	26,214	5,574	23,080
1974.....	319	295	27.1	7,982	4.00	31,891	7,447	29,754
1975.....	309	288	25.6	7,362	3.44	25,349	6,560	22,588
1976.....	319	280	24.7	6,918	2.56	17,709	6,102	15,618
1977.....	285	245	23.1	5,665	2.43	13,766	4,793	11,645
1978.....	310	270	30.0	8,103	2.98	24,158	7,325	21,838
1979.....	314	282	26.4	7,448	3.60	26,790	6,659	23,949
1980.....	292	272	32.9	8,942	3.85	34,419	8,209	32,228
1981.....	282	257	34.5	8,856	3.64	32,257	Discontinued Apr. 1981	

1/ Quantity sold times season average price excl. price support. 2/ Record high acreage of all wheat harvested.

Barley: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1940.....	109	107	41.0	4,387	.46	2,018	1,009	464
1950.....	146	141	44.0	6,204	1.16	7,197	2,109	2,446
1957 2/.....	197	190	45.0	8,550	.93	7,952		
1960.....	160	147	43.5	6,394	1.00	6,394	1,982	1,982
1970.....	148	141	58.5	8,249	1.07	8,826	3,217	3,442
1973.....	147	135	57.0	7,695	2.35	18,083	2,847	6,690
1974.....	144	131	54.0	7,074	2.86	20,232	2,830	8,094
1975.....	144	135	60.0	8,100	2.50	20,250	2,835	7,088
1976.....	151	130	55.0	7,150	2.21	15,802	2,717	6,005
1977.....	149	125	54.0	6,750	1.99	13,433	2,363	4,702
1978.....	165	150	65.0	9,750	2.04	19,890	3,510	7,160
1979.....	160	145	72.0	10,440	2.39	24,952	3,863	9,233
1980.....	162	148	73.0	10,804	2.88	31,116	3,889	11,473
1981.....	164	149	66.0	9,834	2.65	26,060	Discontinued April 1981	

1/ Quantity sold times season average price--excluding price support. 2/ Record high acreage of barley harvested.

Oats: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1910 2/.....	--	82	39.5	3,239	.49	1,587		
1940.....	46	39	39.0	1,521	.34	517	167	57
1950.....	56	51	45.0	2,295	.89	2,043	367	327
1960.....	29	23	46.0	1,058	.83	878	201	167
1970.....	24	17	60.0	1,020	.76	775	255	194
1973.....	23	14	54.0	756	1.75	1,323	181	317
1974.....	21	12	53.0	636	1.85	1,177	159	294
1975.....	22	13	56.0	728	1.80	1,310	175	315
1976.....	22	12	57.0	684	1.75	1,197	164	287
1977.....	20	10	55.0	550	1.45	798	154	223
1978.....	27	15	58.0	870	1.55	1,349	226	350
1979.....	26	15	60.0	900	1.70	1,530	225	383
1980.....	26	15	61.0	915	1.95	1,784	229	447
1981.....	26	14	57.0	798	2.15	1,716	Discontinued April 1981	

1/ Quantity sold times season average price. 2/ Record high acreage of oats harvested.

Dry Beans: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Pounds	1,000 Cwt.	Dollars per Cwt.	1,000 Dollars	1,000 Cwt.	1,000 Dollars
1940.....	9	9	500	40	3.55	142	38	135
1950.....	12	11	280	27	6.40	173	26	166
1960.....	8	6	300	18	7.10	128	17	121
1970 2/.....	20	20	430	86	7.90	679	83	656
1973.....	17	17	450	76	32.90	2,500	74	2,435
1974.....	16	16	310	50	29.60	1,480	48	1,421
1975.....	17	17	420	71	18.60	1,321	69	1,283
1976.....	13	13	390	51	12.10	617	50	605
1977.....	5	1	200	2	19.90	40	2	40
1978.....	9	8	300	24	17.90	430	23	412
1979.....	8	8	400	32	29.20	934	31	905
1980.....	12	11	380	42	28.00	1,176	41	1,107
1981.....	15	14	430	60	19.60	1,176	Discontinued April 1981	

1/ Quantity sold times season average price. 2/ Record high acreage of dry beans harvested.

Potatoes: Acreage, Yield, Production, and Value, Utah, Selected Years.

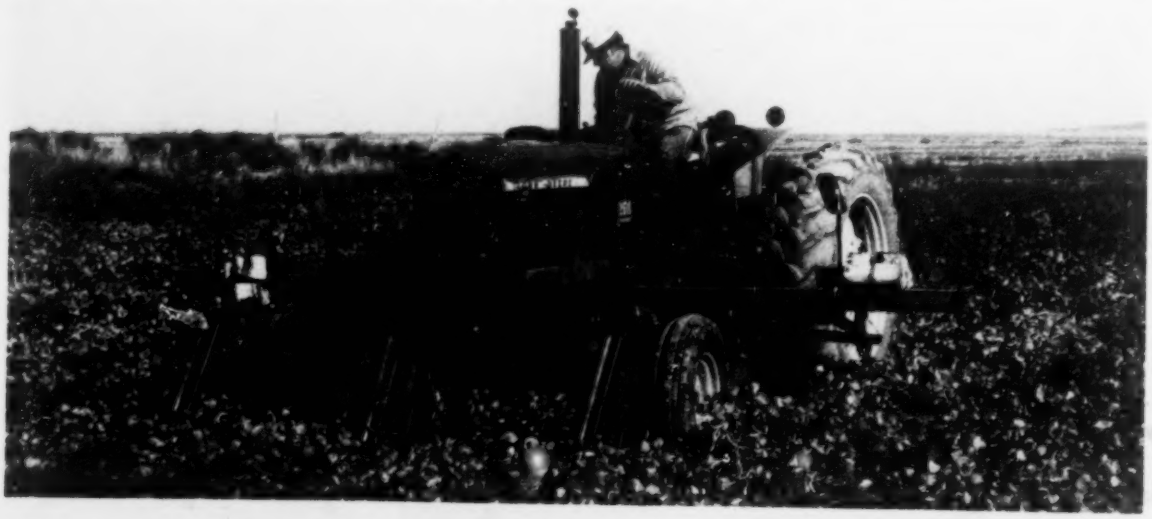
Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Cwt.	1,000 Cwt.	Dollars per Cwt.	1,000 Dollars
1940.....	13.0	12.9	102	1,316	.70	921
1943 1/.....	20.2	19.6	105	2,058	2.12	4,356
1950.....	13.5	13.0	147	1,911	1.75	3,344
1960.....	8.3	7.9	170	1,343	2.28	3,062
1970.....	6.0	5.9	170	1,003	2.38	2,387
1973.....	5.1	5.0	220	1,100	3.30	3,630
1974.....	6.4	6.3	235	1,481	3.80	5,628
1975.....	5.9	5.8	260	1,508	3.70	5,580
1976.....	5.3	5.2	240	1,248	3.10	3,869
1977.....	6.0	5.9	240	1,416	3.04	4,305
1978.....	6.0	5.9	245	1,446	4.10	5,929
1979.....	5.6	5.5	250	1,375	4.30	5,913
1980.....	5.3	5.2	225	1,170	5.15	6,026
1981.....	5.9	5.8	220	1,276	5.00	6,380

1/ Record high acreage of potatoes harvested.

Potatoes: Production, Farm Use, Sales, and Value, Utah, Selected Years.

Year	Production	Total Used for Seed 1/	Farm Disposition			Price per Cwt.	Value of Sales
			For Seed, Feed, and Household Use	Feed, Shrinkage, and Loss	Sold		
	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1940.....	1,316	--	--	--	915	.70	640
1950.....	1,911	--	--	--	1,540	1.75	2,695
1960.....	1,343	118	119	117	1,107	2.28	2,524
1970.....	1,003	81	49	90	864	2.38	2,056
1973.....	1,100	128	29	88	983	3.30	3,244
1974.....	1,481	130	18	131	1,332	3.80	5,062
1975.....	1,508	117	28	181	1,299	3.70	4,806
1976.....	1,248	126	28	87	1,133	3.10	3,512
1977.....	1,416	120	24	160	1,232	3.04	3,745
1978.....	1,446	123	19	137	1,290	4.10	5,289
1979.....	1,375	117	37	95	1,243	4.30	5,345
1980 2/.....	1,170	127	27	122	1,021	5.15	5,258

1/ Includes seed purchased and seed used on farms where grown. 2/ Preliminary.



Specialized equipment improves production efficiency

All Hay: Acreage, Yield, Production, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production	Sales	
						Quantity	Value 2/
	1,000 Acres	Tons	1,000 Tons	Dollars per ton	1,000 Dollars	1,000 Tons	1,000 Dollars
1930 1/.....	686	2.02	1,383	8.60	11,894		
1940.....	553	1.92	1,059	10.50	11,120	191	2,006
1950.....	534	1.91	1,020	22.20	22,644	143	3,175
1960.....	566	2.26	1,281	26.40	33,818	243	6,415
1970.....	563	2.91	1,638	25.00	40,950	426	10,650
1973.....	584	2.84	1,660	38.50	63,910	432	16,632
1974.....	584	2.96	1,729	46.50	80,399	450	20,925
1975.....	584	2.86	1,670	52.50	87,675	468	24,570
1976.....	580	3.14	1,820	53.50	97,370	582	31,137
1977.....	584	3.15	1,842	58.00	106,836	553	32,074
1978.....	594	3.18	1,886	47.00	88,642	585	27,495
1979.....	598	3.39	2,026	55.00	111,430	648	35,640
1980.....	595	3.46	2,058	70.00	144,060	617	42,882
1981.....	600	3.64	2,186	60.50	132,253	Discontinued April 1981	

1/ Record high acreage of all hay harvested. 2/ Quantity sold times season average price.

Hay Crops: Acreage, Yield, Production, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production	Year	Acres Harvested	Yield per Acre	Production
	1,000 Acres	Tons	1,000 Tons		1,000 Acres	Tons	1,000 Tons
		Alfalfa Hay				All Other Hay 1/	
1940.....	431	2.10	905	1940.....	122	1.26	154
1950.....	361	2.20	794	1950.....	173	1.31	226
1960.....	439	2.55	1,119	1960.....	127	1.28	162
1970.....	441	3.25	1,433	1970.....	122	1.68	205
1973.....	460	3.15	1,449	1973.....	124	1.70	211
1974.....	460	3.30	1,518	1974.....	124	1.70	211
1975.....	460	3.20	1,472	1975.....	124	1.60	198
1976.....	460	3.50	1,610	1976.....	120	1.75	210
1977.....	465	3.50	1,628	1977.....	119	1.80	214
1978.....	470	3.55	1,669	1978.....	124	1.75	217
1979.....	475	3.80	1,805	1979.....	123	1.80	221
1980.....	470	3.90	1,833	1980.....	125	1.80	225
1981.....	475	4.10	1,948	1981.....	125	1.90	238

1/ Includes clover-timothy hay, grain hay, other tame hay and wild hay for which separate estimates were discontinued in 1971.

Alfalfa Seed: Acreage, Yield, Production, Sales, and Value, Utah, Selected Years.

Year	Acres Harvested	Yield per Acre	Production Clean	Season Average Price	Value of Production	Sales	
						Quantity	Value 2/
	1,000 Acres	Pounds	1,000 Pounds	Dollars per cwt.	1,000 Dollars	1,000 Pounds	1,000 Dollars
1925 1/.....	71.7	275	19,718	14.80	2,918	Not available	
1940.....	54	83	4,500	14.30	644	Not available	
1950.....	57	165	9,405	49.50	4,655	8,888	4,400
1960.....	45	185	8,325	24.30	2,023	8,300	2,017
1970.....	16	195	3,120	33.00	1,030	3,089	1,019
1973.....	10	230	2,300	103.00	2,369	2,277	2,345
1974.....	17	300	5,100	77.00	3,927	5,049	3,888
1975.....	13	280	3,640	62.00	2,257	3,604	2,234
1976.....	11	215	2,365	105.00	2,483	2,318	2,434
1977.....	14	260	3,640	124.00	4,514	3,604	4,469
1978.....	15	290	4,350	117.00	5,090	4,307	5,039
1979.....	17	280	4,760	104.00	4,950	4,712	4,900
1980.....	13	245	3,185	105.00	3,344	Discontinued May 1981	
1981.....	13	285	3,705	90.00	3,335		

1/ Record high acreage of alfalfa seed harvested. 2/ Quantity sold times season average price.

Grain Stocks - Wheat: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	4,704	3,685	2,587	--	588
1960.....	3,122	2,487	1,005	--	370
1970.....	3,588	2,068	1,034	--	304
1975.....	3,313	2,429	1,693	1,104	2/
1976.....	3,805	2,629	2,006	1,384	--
1977.....	3,342	2,719	2,039	1,360	--
1978.....	3,646	3,241	2,431	1,134	--
1979.....	4,096	2,905	1,564	1,043	--
1980.....	3,577	2,593	2,236	1,341	--
1981.....	4,428	2,480	1,594		
			Off Farms 1/		
1950.....	7,535	6,628	4,908	--	3,398
1960.....	7,116	5,867	4,369	--	2,105
1970.....	5,424	5,323	4,252	--	2,264
1975.....	7,841	6,391	5,001	3,415	2/
1976.....	7,816	6,570	3,804	3,651	--
1977.....	6,215	4,859	3,648	2,703	--
1978.....	7,293	5,575	3,734	3,250	--
1979.....	6,430	5,867	4,153	3,360	--
1980.....	7,527	5,898	4,748	3,881	--
1981.....	8,861	6,624	5,504		
			Total All Positions		
1950.....	12,239	10,313	7,495	--	3,986
1960.....	10,238	8,354	5,374	--	2,475
1970.....	9,012	7,391	5,286	--	2,568
1975.....	11,154	8,820	6,694	4,519	2/
1976.....	11,621	9,199	5,810	5,035	--
1977.....	9,557	7,578	5,687	4,063	--
1978.....	10,939	8,816	6,165	4,384	--
1979.....	10,526	8,772	5,717	4,403	--
1980.....	11,104	8,491	6,984	5,222	--
1981.....	13,289	9,104	7,098		

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Date for beginning of crop year shifted from July 1 to June 1 in 1976.

Grain Stock - Oats: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	2,020	1,606	918	--	344
1960.....	984	730	296	--	148
1970.....	898	541	377	--	214
1975.....	582	408	255	109	2/
1976.....	479	287	185	82	--
1977.....	440	275	193	110	--
1978.....	609	479	261	157	--
1979.....	675	540	315	180	--
1980.....	595	503	265	183	--
1981.....	599	471	295		
			Off Farms 1/		
1950.....	167	244	154	--	96
1960.....	1,085	802	376	--	223
1970.....	218	216	145	--	104
1975.....	125	105	88	91	2/
1976.....	144	225	115	108	--
1977.....	123	92	79	67	--
1978.....	139	116	216	45	--
1979.....	177	124	126	97	--
1980.....	199	113	136	130	--
1981.....	144	132	141		
			Total All Positions		
1950.....	2,187	1,850	1,072	--	440
1960.....	1,085	802	376	--	223
1970.....	1,116	757	522	--	318
1975.....	707	513	343	200	2/
1976.....	623	512	300	190	--
1977.....	563	367	272	177	--
1978.....	748	595	477	202	--
1979.....	852	664	441	277	--
1980.....	794	616	401	313	--
1981.....	743	603	436		

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Date for beginning of crop year shifted from July 1 to June 1 in 1976.

Grain Stocks - Barley: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	4,219	3,102	1,737	--	496
1960.....	4,923	3,197	1,598	--	895
1970.....	5,939	3,795	2,062	--	577
1975.....	4,617	3,645	1,944	1,377	2/
1976.....	3,718	2,860	1,716	858	--
1977.....	3,713	3,038	1,823	810	--
1978.....	4,875	3,998	2,438	1,170	--
1979.....	5,742	4,489	3,132	1,566	--
1980.....	4,862	4,322	2,701	1,188	--
1981.....	5,409	4,130	1,967		
			Off Farms 1/		
1950.....	1,642	974	690	--	523
1960.....	1,653	1,087	848	--	477
1970.....	3,990	3,110	1,364	--	755
1975.....	3,029	2,200	1,410	1,091	2/
1976.....	4,290	3,265	1,566	1,418	--
1977.....	3,610	2,681	1,363	567	--
1978.....	3,701	3,117	1,707	1,160	--
1979.....	5,273	3,497	1,606	1,106	--
1980.....	5,563	3,356	1,585	856	--
1981.....	5,409	3,291	2,310		
			Total All Positions		
1950.....	5,861	4,076	2,427	--	1,019
1960.....	6,576	4,284	2,446	--	1,372
1970.....	9,929	6,905	3,426	--	1,332
1975.....	7,646	5,845	3,354	2,468	2/
1976.....	8,008	6,125	3,282	2,276	--
1977.....	7,323	5,719	3,186	1,377	--
1978.....	8,576	7,115	4,145	2,330	--
1979.....	11,015	7,986	4,738	2,672	--
1980.....	10,425	7,678	4,286	2,044	--
1981.....	10,818	7,421	4,277		

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Date for beginning of crop year shifted from July 1 to June 1 in 1976.

Grain Stocks - Corn: On Farms, Off Farms, and Total, by Quarters, Utah, Selected Years.

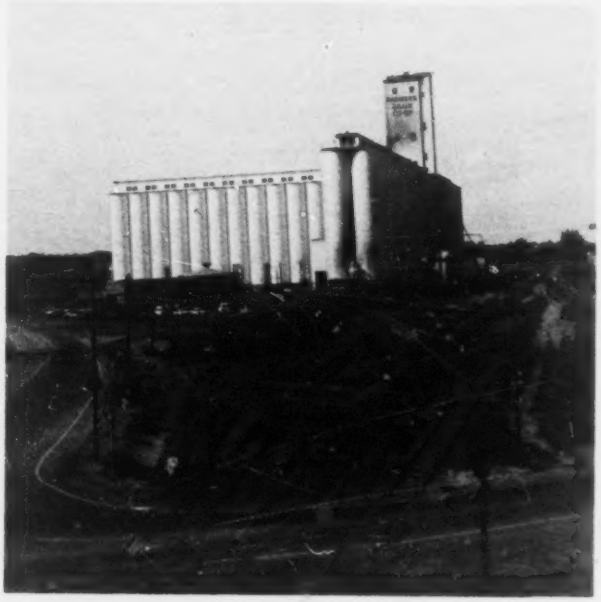
Year	January 1, Stocks	April 1, Stocks	June 1, Stocks	July 1, Stocks	October 1, Stocks
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1951.....	88	50	--	4	2
1961.....	111	50	--	8	2
1966.....	135	63	--	11	7
1970.....	1/	1/	--	1/	1/
1975.....	437	224	--	112	56
1976.....	542	284	168	4/	90
1977.....	608	311	135	--	54
1978.....	451	220	93	--	35
1979.....	648	245	115	--	72
1980.....	647	256	135	--	75
1981.....	600	330	150	--	75
1982.....	710	248			
			Off Farms 2/		
1951.....	70	88	--	115	59
1961.....	426	390	--	552	99
1966.....	3/	3/	--	3/	113
1970.....	345	236	--	208	68
1975.....	380	315	--	174	137
1976.....	255	265	222	4/	150
1977.....	479	248	206	--	207
1978.....	287	289	215	--	79
1979.....	346	224	120	--	143
1980.....	657	513	373	--	191
1981.....	689	490	365	--	299
1982.....	642	490			
			Total All Positions		
1951.....	158	138	--	119	61
1961.....	537	440	--	560	101
1966.....	3/	3/	--	3/	120
1970.....	345	236	--	208	68
1975.....	817	539	--	286	193
1976.....	797	549	390	4/	240
1977.....	1,087	559	341	--	261
1978.....	738	509	308	--	114
1979.....	994	469	235	--	215
1980.....	1,304	769	508	--	266
1981.....	1,289	820	515	--	374
1982.....	1,352	738			

1/ Estimate discontinued. 2/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 3/ Not published to avoid disclosure of individual operations. 4/ Midyear estimate changed from July 1 to June 1 in 1976.

Grain Stocks - Sorghum: Off Farms and Total, by Quarters, Utah, Selected Years.

Year	January 1, Stocks	April 1, Stocks	June 1, Stocks	July 1, Stocks	October 1, Stocks
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			Off Farms 1/		
1961.....	2/	2/	--	1,558	2/
1966.....	272	2/	--	87	154
1970.....	142	146	--	247	298
1975.....	30	71	--	139	181
1976.....	73	22	51	3/	69
1977.....	158	2/	2/	--	28
1978.....	100	155	87	--	92
1979.....	70	71	20		70
1980.....	27	93	70	--	67
1981.....	64	65	8	--	44
1982.....	25	2/			

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Not published to avoid disclosure of individual operations. 3/ Midyear estimate changed from July 1 to June 1 in 1976.



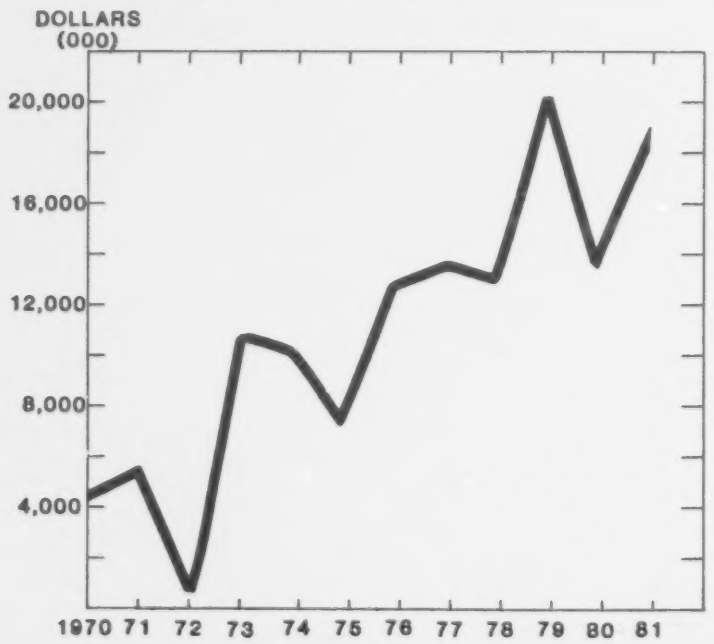
Grain handling and storage is highly mechanized

FRUITS

The 1981 season was a good one for Utah fruit growers. Total tonnage of all six commercial fruits came in at 48,810 tons, second highest on record. Apple production set a new high, with 27,000 tons, and other fruits (while not records) all came in with good crops. Utah growers had the rare advantage of having a good crop in a year when many other parts of the country had reduced production. The result was good prices for a good sized crop. The gross value of 1981 production was $18.6 million, second only to 1979. Record highs were recorded for apples, at $7.1 million; peaches, at $2.2 million; and pears, at just over $1.0 million. The value of sweet cherries, at $2.8 million, was the highest since 1968. The tart cherry crop had the second highest value on record, at $5.1 million, and brought more than double the income of the previous year.

With the exception of tart cherries, which are nearly all processed, most of the state's fruit crop was marketed through fresh market channels. In the last few years, essentially all the peaches, pears, and apricots were sold as fresh fruit. Looking at the 1973-77 average, about one-fourth of the apple crop made its way into processed products such as juice, sauce, dessert fillings, etc. About the same percent (25) of the sweet cherry crop was processed, as was the apple crop. Cherries are usually brined or frozen for use in desserts. Traditionally, much of the local sales have been through roadside stands, but recently a new innovation--pick-your-own operations--has begun to appear. The appeal of this way of marketing is that the consumer can have a good product at a lower price, and the producer can solve some of his labor problems.

UTAH VALUE OF FRUIT PRODUCTION, 1970-81.



Utah Fruit - Production and Value, 1966-1981.

Year	Apples	Peaches	Pears	Sweet Cherries	Tart Cherries	Apricots	Total
			Utilized Production - Tons				
1966.....	6,550	3,600	3,775	500	2,800	200	17,425
1967.....	10,450	6,500	4,130	3,200	7,100	1,425	32,805
1968.....	14,000	8,000	(6,300)	(7,700)	4,700	1,800	42,500
1969.....	21,000	7,500	5,500	3,300	6,200	(3,100)	46,600
1970.....	13,750	6,500	4,300	2,300	4,900	1,300	33,050
1971.....	12,500	6,500	4,200	4,600	6,700	2,500	37,000
1972.....	2,000	750	200	1/	650	0	3,600
1973.....	26,350	6,000	5,830	6,500	(8,500)	2,170	55,350
1974.....	18,500	8,000	3,200	5,000	5,800	550	41,050
1975.....	22,000	8,000	3,300	2,600	4,000	500	40,400
1976.....	20,000	(8,400)	3,900	5,400	(8,500)	1,750	47,950
1977.....	23,500	7,300	3,400	4,700	5,600	1,700	46,200
1978.....	17,500	5,500	1,700	2,400	5,650	500	33,250
1979.....	25,500	6,000	2,700	4,200	(8,500)	1,700	48,600
1980.....	25,000	5,500	3,000	4,100	6,450	1,500	45,550
1981.....	(27,000)	6,000	3,050	4,380	6,800	1,580	48,810
Total of Record High Productions since 1966.....							(61,000)
			Value - $1,000				
1966.....	634	616	430	280	664	27	2,651
1967.....	1,120	772	496	1,194	2,237	180	5,999
1968.....	1,876	848	617	2,857	1,419	295	7,912
1969.....	1,701	834	506	1,076	995	397	5,509
1970.....	1,570	826	439	830	696	176	4,537
1971.....	1,785	845	365	1,118	1,072	350	5,535
1972.....	355	200	43	--	133	0	731
1973.....	3,531	1,512	624	2,035	2,839	315	10,856
1974.....	3,478	1,936	646	1,695	2,146	211	10,112
1975.....	2,772	2,144	485	1,079	760	193	7,433
1976.....	3,720	2,134	714	1,804	4,029	284	12,685
1977.....	4,982	1,840	816	2,167	3,203	423	13,431
1978.....	3,850	1,870	595	1,836	4,407	230	12,788
1979.....	6,528	2,040	756	2,510	7,412	816	20,068
1980.....	5,450	1,925	900	2,464	2,438	540	13,717
1981.....	7,128	2,232	1,007	2,786	5,059	379	18,591

Note: Bracketed ( ) figures are record high production since 1966.
1/ The 1972 sweet cherry crop was nearly a complete failure due to spring freezes. A few sweet cherries were produced, but production was too small to warrant a quantitative estimate.

Commercial Apples 1/: Production, Use, and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Cents Per Lb.	1,000 $
1925.....	54.6	--	54.6	--	--	2.7	1,469
1940.....	19.5	2.4	17.1	--	--	2.0	339
1950.....	11.8	--	11.8	--	--	6.2	733
1960.....	10.3	--	10.3	--	--	4.82	496
1970.....	28.0	.5	27.5	21.3	6.2	5.71	1,570
1973 2/...	58.0	5.3	52.7	29.1	23.6	6.70	3,531
1974.....	37.0	--	37.0	34.0	3.0	9.40	3,478
1975.....	49.0	5.0	44.0	30.0	14.0	6.30	2,772
1976.....	40.0	--	40.0	34.0	6.0	9.30	3,720
1977.....	47.0	--	47.0	35.0	12.0	10.60	4,982
1978.....	35.0	--	35.0	28.0	7.0	11.00	3,850
1979.....	51.0	--	51.0	43.0	8.0	12.80	6,528
1980.....	52.0	2.0	50.0	42.0	8.0	10.90	5,450
1981.....	54.0	--	54.0	3/	3/	13.20	7,128

1/ Estimates through 1933 were for all apples. Since 1934 estimates are for commercial production including orchards with more than 100 trees. 2/ Record high apple production. 3/ Available July 2, 1982.

Commercial Apples: Production by Varieties, Utah, Selected Years.

Variety	1978	1979		1980		1981	
	Million Pounds	Million Pounds	Percent of Total	Million Pounds	Percent of Total	Million Pounds	Percent of Total
Jonathan.....	5.0	6.0	11.8	5.7	11.0	7.0	13.0
Delicious....	19.0	30.0	58.8	33.3	64.0	35.6	65.9
Golden Delicious	2.5	4.5	8.8	6.2	11.9	5.9	10.9
Rome Beauty..	7.0	8.0	15.7	5.7	11.0	4.3	8.0
Other.....	1.5	2.5	4.9	1.1	2.1	1.2	2.2
Total.....	35.0	51.0	100.0	52.0	100.0	54.0	100.0

Peaches: Production, Use, and Value, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Cents per Lb.	1,000 $
1922 1/.....	38.7	--	38.7	--	--	3.0	1,151
1940.....	31.0	--	31.0	--	--	1.9	590
1950.....	4.7	--	4.7	--	--	9.2	431
1960.....	8.6	--	8.6	--	--	6.82	587
1970.....	13.0	--	13.0	13.0	0	6.35	826
1973.....	12.0	--	12.0	12.0	0	12.6	1,512
1974.....	16.0	--	16.0	16.0	0	12.1	1,936
1975.....	16.0	--	16.0	16.0	0	13.4	2,144
1976.....	17.0	0.2	16.8	16.8	0	12.7	2,134
1977.....	15.0	0.4	14.6	14.6	0	12.6	1,840
1978.....	11.0	--	11.0	11.0	0	17.0	1,870
1979.....	12.0	--	12.0	12.0	0	17.0	2,040
1980.....	11.0	--	11.0	11.0	0	17.5	1,925
1981.....	12.0	--	12.0	12.0	0	18.6	2,232

1/ Record high peach production.

Pears: Production, Use, and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1940.....	4,525	--	4,525	--	--	38.00	172
1950.....	875	--	875	--	--	144.00	126
1954 1/.....	8,750	--	8,750	--	--	96.00	752
1960.....	4,380	200	4,180	--	--	108.00	451
1970.....	4,300	--	4,300	--	--	102.00	439
1973.....	5,830	--	5,830	2/	2/	107.00	624
1974.....	3,200	--	3,200	3,200	0	202.00	646
1975.....	4,000	700	3,300	3,300	0	147.00	485
1976.....	3,900	--	3,900	3,900	0	183.00	714
1977.....	3,500	100	3,400	3,400	0	240.00	816
1978.....	1,700	--	1,700	1,700	0	350.00	595
1979.....	2,700	--	2,700	2,700	0	280.00	756
1980.....	3,000	--	3,000	3,000	0	300.00	900
1981.....	3,100	50	3,050	3,050	0	330.00	1,007

1/ Record high pear production. 2/ Some processed but not published in order to avoid disclosure of individual operations.

Sweet Cherries: Production, Use and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1940.....	3,100	--	3,100	--	--	80.00	248
1950.....	440	--	440	--	--	282.00	124
1960.....	1,200	--	1,200	--	--	407.00	488
1968 1/.....	7,700	--	7,700	--	--	371.00	2,857
1970.....	2,300	--	2,300	2,030	270	361.00	830
1973.....	6,500	--	6,500	4,924	1,576	313.00	2,035
1974.....	5,000	--	5,000	3,500	1,500	339.00	1,695
1975.....	2,600	--	2,600	2,190	410	415.00	1,079
1976.....	5,400	--	5,400	3,720	1,680	334.00	1,804
1977.....	5,000	300	4,700	3,400	1,300	461.00	2,167
1978.....	2,400	--	2,400	1,200	1,200	765.00	1,836
1979.....	4,200	--	4,200	2/	2/	599.00	2,516
1980.....	4,100	--	4,100	2/	2/	601.00	2,464
1981.....	4,500	120	4,380	2/	2/	636.00	2,786

1/ Record high sweet cherry production. 2/ Data not published to avoid disclosure of individual operation.

Tart Cherries: Production, Use and Value, Utah, Selected Years.

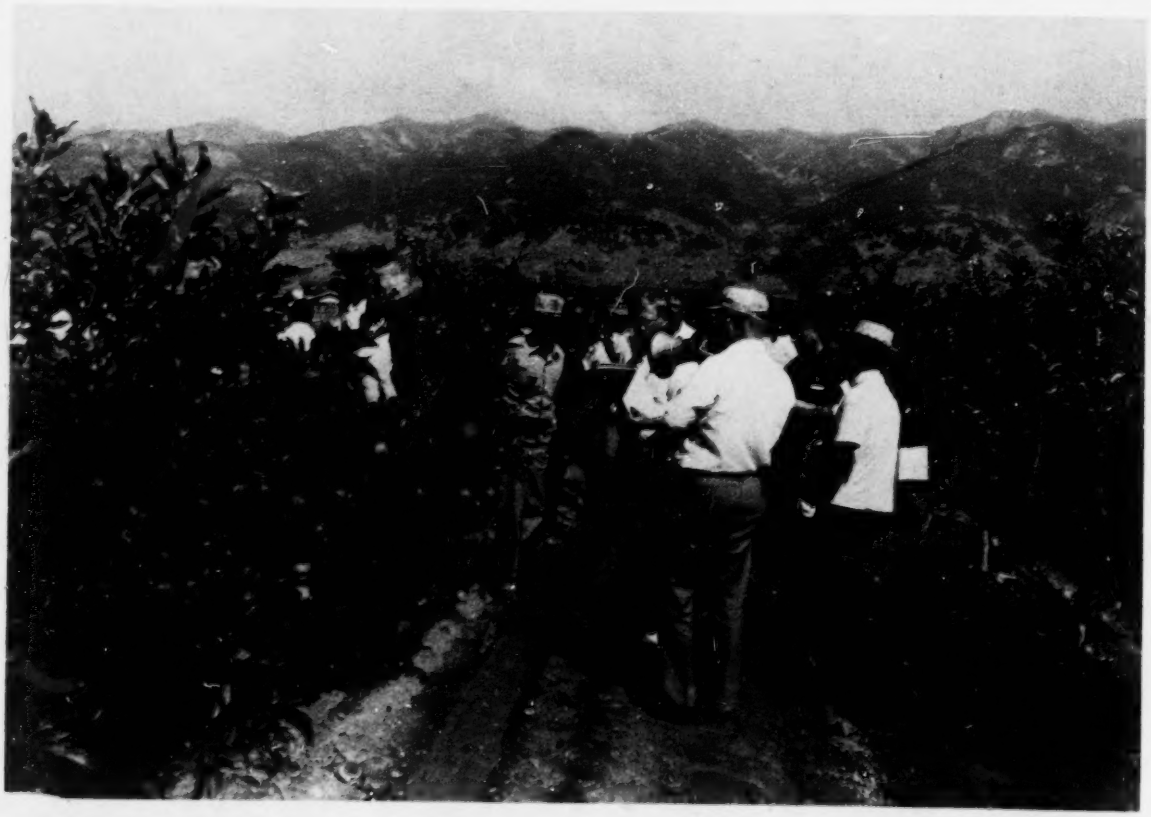
Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1940.....	2,300	--	2,300	--	--	44.00	101
1950.....	800	--	800	--	--	177.00	142
1960.....	2,800	--	2,800	--	--	139.00	389
1970.....	4,900	--	4,900	400	4,500	142.00	696
1973 1/.....	8,500	--	8,500	--	--	334.00	2,839
1974.....	5,800	--	5,800	50	5,750	370.00	2,146
1975.....	4,000	--	4,000	2/	2/	190.00	760
1976 1/.....	8,500	--	8,500	2/	2/	474.00	4,029
1977.....	5,600	--	5,600	300	5,300	572.00	3,203
1978.....	5,650	--	5,650	50	5,600	780.00	4,407
1979 1/.....	8,500	--	8,500	200	8,300	872.00	7,412
1980.....	6,500	50	6,450	150	6,300	378.00	2,438
1981.....	7,000	200	6,800	300	6,500	744.00	5,059

1/ Record high tart cherry production. 2/ Not published - mostly processed.

Apricots: Production, Use, and Value, Utah, Selected Years.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars Per Ton	1,000 $
1940.....	7,800	--	7,800	--	--	27.20	212
1950.....	400	--	400	--	--	180.00	72
1957 1/.....	11,000	1,000	10,000	--	--	62.10	621
1960.....	2,500	--	2,500	--	--	96.60	242
1970.....	1,300	--	1,300	1,300	0	135.00	176
1973.....	2,300	130	2,170	2/2,170	0	145.00	315
1974.....	550	--	550	2/550	0	384.00	211
1975.....	500	--	500	2/500	0	385.00	193
1976.....	1,900	150	1,750	2/1,750	0	162.00	284
1977.....	1,700	--	1,700	2/1,700	0	249.00	423
1978.....	500	--	500	2/500	0	460.00	230
1979.....	1,700	--	1,700	2/1,700	0	480.00	816
1980.....	1,500	--	1,500	2/1,500	0	360.00	540
1981.....	1,600	20	1,580	2/1,580	0	240.00	379

1/ Record high apricot production. 2/ Small quantities processed are included in "fresh" to avoid disclosure of individual operations.



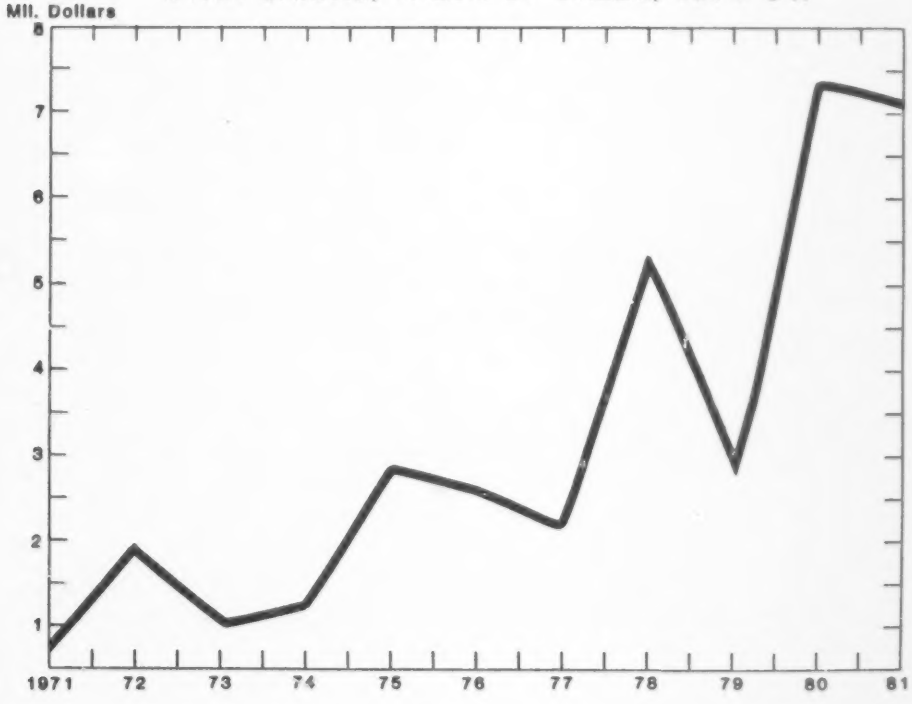
New techniques in fruit production

VEGETABLES

Almost 75 percent of the income from the sale of vegetables in 1981 came from onions. Utah producers found themselves in the enviable position of having strong market prices and the second highest production on record. At 2,100 acres harvested, acreage was the highest since 1944. Yields, at 370 hundredweight (cwt.) per acre, were up 7 percent from the previous year, and the second highest on record. The result was a production of 777,000 cwt., more than any year except 1979. Prices fell from the record set in 1980, but at $11.10 were still well above the average of recent years. Value of onion sales, for the second year in a row, was over $7 million. In terms of crop value, onions are in a tie with apples as the fourth most valuable crop in the state--led only by hay, barley, and wheat.

With the ever decreasing number of vegetable processors in the state, acreage has been on a steady decline. In 1981 acreage was a little more than one-third what it was in 1960. Production has hovered around the 20,000 ton mark since 1973. Because of price rises, value of production has held its own. Last year's $2.5 million was the second highest in more than ten years, and the highest since 1975. All-time records were set back in the 1950's when production was five times the current level.

UTAH ONIONS, VALUE OF SALES, 1971-81.



Onions, Fresh Market: Acreage, Yield, Production, Value, and Stocks, Utah, Selected Years.

Year	Acreage		Yield per Acre	Production	Quantity not Sold 1/	Sales	Value of Sales		Stocks Following Jan. 1
	Planted	Harvested					Per Cwt.	Total	
	Acres	Acres	Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	Dollars	1,000 Dollars	1,000 Cwt.
1940...	--	1,100	200	220	38	182	.50	91	60
1944 2/	--	2,400	220	528	51	477	1.80	859	258
1950...	1,150	1,100	270	297	83	214	1.80	385	151
1960...	750	700	325	228	63	165	2.80	462	112
1970...	1,000	1,000	300	300	55	245	2.75	674	113
1972...	1,100	1,000	370	370	59	311	6.16	1,916	111
1973...	1,200	1,100	220	242	36	206	5.54	1,141	91
1974...	1,400	1,300	300	390	59	331	3.85	1,274	130
1975...	1,400	1,300	290	377	63	314	9.09	2,854	124
1976...	1,600	1,500	300	450	63	387	6.68	2,585	123
1977...	1,800	1,700	335	570	103	467	4.63	2,162	147
1978...	2,100	2,000	360	720	137	583	9.00	5,247	245
1979...	2,100	2,000	415	830	133	697	4.16	2,900	257
1980...	2,000	1,900	345	656	98	558	13.20	7,366	195
1981...	2,200	2,100	370	777	140	637	11.10	7,071	278

1/ Includes shrinkage, waste, and cullage. 2/ Record high acreage of onions.

Vegetables for Processing 1/: Acreage, Production, and Value, Utah, Selected Years.

Year	Acreage		Production	Value
	Planted	Harvested		Total
	Acres	Acres	Tons	1,000 Dollars
1940.....	--	22,460	83,900	1,526
1942 2/.....	--	28,230	116,600	3,071
1950.....	--	24,870	103,000	3,139
1960.....	12,770	11,080	72,040	2,235
1970.....	9,000	8,300	45,900	1,981
1972.....	6,100	5,900	36,650	1,698
1973.....	5,680	5,430	19,200	1,012
1974.....	6,240	5,840	20,400	2,168
1975.....	6,310	6,260	25,900	2,497
1976.....	5,560	5,260	23,400	2,066
1977.....	5,070	4,670	16,850	1,680
1978.....	4,950	4,750	17,350	1,601
1979.....	5,170	4,670	23,270	2,308
1980.....	4,900	4,890	19,900	2,245
1981.....	4,600	4,500	20,200	2,479

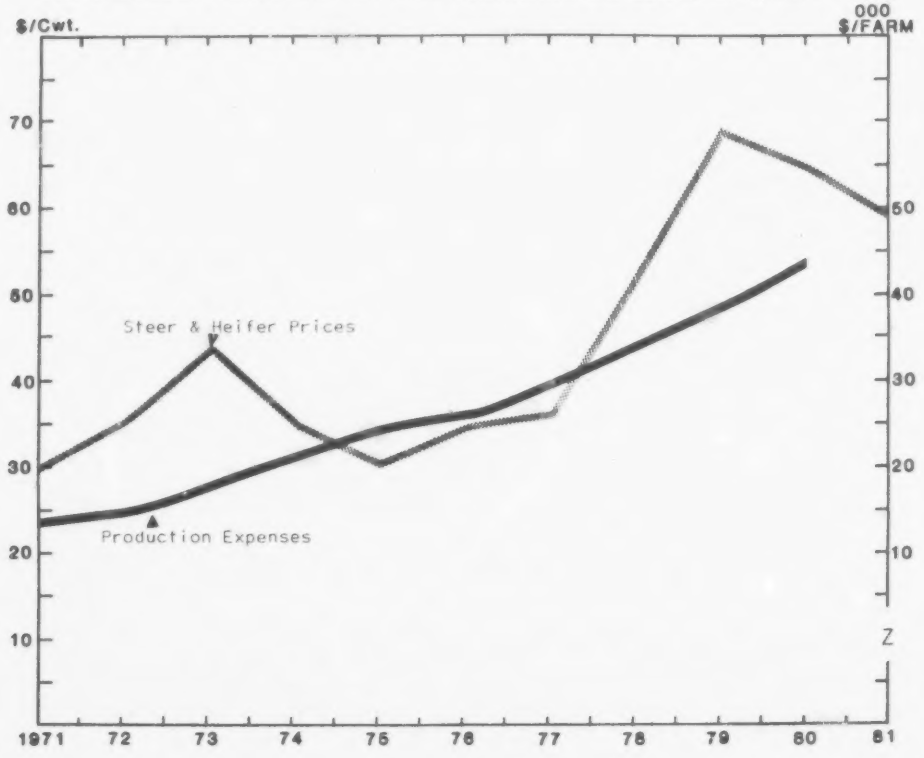
1/ Includes tomatoes, green peas, sweet corn, snap beans, green lima beans, table beets, cucumbers for pickles. 2/ Record high acreage harvested of vegetables for processing.

CATTLE

The livestock industry has long been the mainstay of Utah's agriculture. The relative scarcity of crop land and the relative abundance of range land left little alternative to concentration on livestock production. Even, as far back as 40 years ago, when cash receipts from farming were less than one-tenth of today's levels, sales of livestock and livestock products accounted for more than 70 percent of the total. This relative portion of agricultural marketings has fluctuated a few points over the decades, but in the last few years has inched upward, so that in 1980 it stood at 75 percent.

Prices of cattle and calves continued downward from the peak set in 1979. Steer and heifer prices for the state averaged $59.40 for the year, down 9 percent from 1980 and 14 percent below the all-time high of 1979. In spite of continued growth in the state's cattle herd and increased marketings, both cash receipts and gross income from the sale of cattle were the lowest since 1977. Marketings during the year were up 10 percent, but because of lower prices, gross income was off 4 percent.

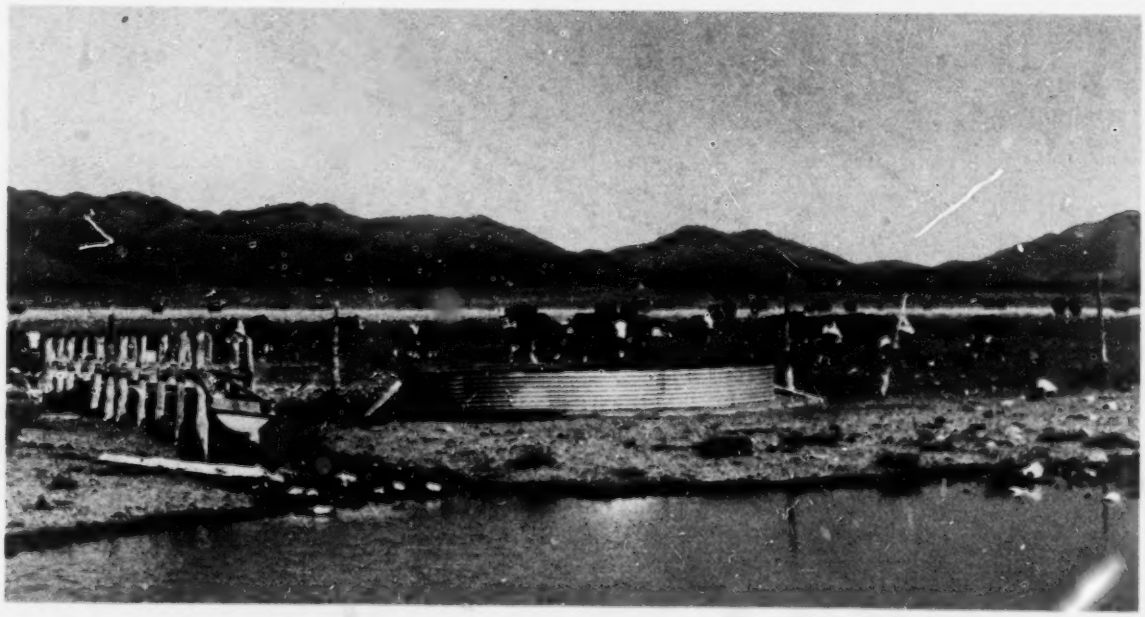
STEER & HEIFER PRICES AND PER FARM PRODUCTION EXPENSES, UTAH, 1971 - 1981



The outlook for 1982 is for rising cattle prices, but at the same time, costs of production will be on the rise. Profit margins will depend a lot on the economy and the result of demand for beef.

The chart shows that while cattle prices have their ups and downs, production expenses seem to move relentlessly upward. The way the cattle industry has remained viable is by ever increasing efficiency.

Supplementing the winter diet



Water sources are critical to range grazing

All Cattle: Number of Cattle Farms, and Number and Value of Cattle on Farms, Utah, January 1, Selected Years.

Year	Farms		Cattle on Farms January 1			
	With Cattle	With Milk Cows	Number	Value Per Head	Value Total	On Feed For Market
			1,000 Head	Dollars	1,000 Dollars	1,000 Head
1940.....	--	--	432	38.20	16,502	--
1950.....	--	--	508	126.00	74,088	40
1960.....	--	--	719	136.00	97,784	61
1970.....	10,000	3,800	808	185.00	149,480	57
1973.....	9,600	2,600	824	255.00	210,120	53
1974.....	10,100	2,800	832	305.00	253,760	58
1975.....	10,000	2,800	900	160.00	144,000	52
1976 1/...	10,000	2,700	927	200.00	185,400	60
1977.....	10,000	2,700	880	210.00	184,800	60
1978.....	10,000	2,600	864	230.00	198,720	62
1979.....	10,000	2,700	820	405.00	332,100	55
1980.....	10,000	2,700	840	505.00	424,200	60
1981.....	9,900	2,700	875	445.00	389,375	55
1982.....	--	--	920	365.00	335,800	48

1/ Record high January 1 inventory.

Calf Crop: Utah, Selected Years.

Year	Cows and Heifers 2 Yrs. & Older January 1	Cows that Have Calved January 1	Calves Born	Calves Born as Percent of Cows and Heifers 2+ January 1 1/a/	Calves Born as Percent of Cows Calved January 1 1/b/
	1,000 Head	1,000 Head	1,000 Head	Percent	Percent
1940....	218	--	174	80	--
1950....	302	--	263	87	--
1960....	360	--	317	88	--
1970....	424	392	372	88	95
1973....	--	403	350	--	87
1974....	--	403	380	--	94
1975....	--	428	390	--	91
1976....	--	441	374	--	85
1977....	--	414	373	--	90
1978....	--	397	355	--	89
1979....	--	399	328	--	82
1980....	--	424	358	--	84
1981....	--	450	375	--	83

1/ Not strictly a calving rate. Figure represents calves born expressed as percentage of the number of a/ cows and heifers 2 years old and over on farms and ranches January 1, b/ cows that have calved on hand January 1.

Cattle: Inventory by Classes and Age, Utah, January 1, Selected Years.

Year	All Cattle and Calves	For Milk			Beef Cattle				
		Cows and Heifers 2 Yrs. +	Heifers 1-2 Yrs.	Heifer Calves	Cows 2 Yrs. +	Heifers 1-2 Yrs.	Calves	Steers 1 Yr. +	Bulls 1 Yr. +
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940...	432	103	25	32	115	34	77	37	9
1950...	588	108	25	32	194	62	101	54	12
1960...	719	108	31	35	252	65	154	65	9
1965...	755	89	24	28	301	72	172	57	12
1966...	755	85	24	28	310	58	182	55	13
1967...	747	83	24	26	310	65	171	55	13
1968...	762	81	23	26	319	68	174	58	13
1969...	777	82	24	26	325	66	183	57	14
1970 1/	808	82	25	28	342	69	188	59	15

1/ Beginning with January 1, 1971, the classification estimates for cattle were changed from sex and age to sex and weight--See Table below.

Cattle: Inventory by Classes and Weight, Utah, January 1, 1970-82.

Year	All Cattle and Calves	All Cows and Heifers that have Calved			Heifers 500 Pounds and Over				Steers 500 Lbs. & Over	Bulls 500 Lbs. & Over	Steers, Heifers & Bulls Under 500 Lbs.
		Total	Beef Cows	Milk Cows	Beef Cow Replacements	Milk Cow Replacements	Other	Total			
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1970...	808	392	316	76	52	44	26	122	75	17	202
1971...	832	411	331	80	55	45	25	125	72	17	207
1972...	832	410	331	79	53	43	26	122	73	17	210
1973...	824	403	328	75	50	41	25	116	76	17	212
1974...	832	403	328	75	58	38	26	122	83	17	207
1975...	900	428	349	79	65	37	36	138	81	18	235
1976...	927	441	362	79	65	37	35	137	82	19	248
1977...	880	414	335	79	53	39	44	136	77	18	235
1978...	864	397	321	76	44	41	40	125	79	18	245
1979...	820	399	321	78	43	37	33	113	79	18	211
1980...	840	400	325	75	54	42	33	129	80	18	213
1981...	875	424	344	80	61	42	29	132	77	20	222
1982...	920	450	364	86	56	42	29	127	78	21	244

Cattle and Calves: Inventory, Supply, and Disposition, Utah, Selected Years.

Year	Inventory Beginning of Year	Calf Crop	Inshipments	Marketings 1/		Farm Slaughter 2/	Deaths		Inventory End of Year
				Cattle	Calves	Cattle & Calves	Cattle	Calves	
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940...	432	174	25	101	45	11	8	12	454
1950...	588	263	41	139	98	12	16	15	612
1960...	719	317	54	234	111	11	14	22	698
1970...	808	372	50	213	140	4	17	24	832
1973...	824	350	47	223	102	4	20	40	832
1974...	832	380	45	194	105	5	18	35	900
1975...	900	390	60	262	111	4	16	30	927
1976...	927	374	50	299	121	6	15	30	880
1977...	880	373	50	266	106	7	15	45	864
1978...	864	355	50	269	121	4	20	35	820
1979...	820	328	50	199	104	7	16	32	840
1980...	840	358	50	205	106	5	16	41	875
1981...	875	375	47	225	98	6	16	32	920

1/ Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter at commercial establishments.

Cattle and Calves: Production and Income, Utah, Selected Years.

Year	Production 1/	Marketings 2/	Average Price per 100 lbs.		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
			Cattle	Calves					
	1,000 Pounds	1,000 Pounds	Dollars	Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940...	105,545	103,170	6.80	8.90	--	7,478	198	7,676	1,468
1950...	157,125	158,135	23.20	26.80	--	38,794	850	39,644	7,827
1960...	217,665	257,715	18.40	23.40	41,993	48,989	1,172	50,545	8,249
1970...	256,121	259,978	25.60	34.20	70,803	71,552	2,189	73,741	--
1973...	243,380	258,255	40.30	53.90	103,727	109,819	3,454	113,273	--
1974...	239,080	225,562	31.20	33.70	75,813	71,386	3,008	74,394	--
1975...	267,720	281,034	27.10	27.20	72,597	76,200	1,954	78,154	--
1976...	265,810	318,686	29.80	35.10	81,242	97,177	4,295	101,472	--
1977...	246,220	285,458	32.60	37.60	82,362	94,943	3,750	98,693	--
1978...	284,430	327,650	47.60	58.70	138,972	160,743	3,074	163,817	--
1979...	237,405	241,995	64.80	88.70	162,152	164,782	9,617	174,399	--
1980...	260,990	252,170	60.30	75.50	163,378	157,421	7,518	164,939	--
1981...	318,340	277,413	52.30	63.30	173,149	149,850	8,833	158,683	--

1/ Adjustments made for inshipments and changes in inventories. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 3/ Receipts from marketings of live cattle and sale of farm slaughter.

Commercial Cattle Slaughter: Number and Liveweight, Utah, Annual, Selected Years, and Monthly 1980-81.

Year	Cattle			Calves			Total	
	Number 1/	Weight Per Head	Total Live Weight	Number 1/	Weight Per Head	Total Live Weight	Number 1/	Total Live Weight
	1,000 Head	Pounds	1,000 Pounds	1,000 Head	Pounds	1,000 Pounds	1,000 Head	1,000 Pounds
1944 2/.....	102.9	--	--	42.5	--	--	--	--
1950.....	106.5	965	104,762	21.7	275	5,966	130.2	110,728
1960.....	212.2	994	210,924	12.7	316	4,008	224.9	214,932
1970.....	258.5	1,040	268,914	3.2	397	1,270	261.7	270,184
1973.....	239.1	1,110	265,376	0.3	433	130	239.4	265,506
1974.....	267.8	1,092	292,470	1.0	412	412	268.8	292,882
1975.....	301.1	1,060	319,203	2.6	356	925	303.7	320,128
1976.....	280.6	1,077	302,332	2.2	350	771	282.8	303,103
1977.....	268.1	1,030	276,233	1.9	311	581	270.0	276,814
1978.....	217.0	1,057	229,469	0.7	331	236	217.7	229,705
1979.....	173.2	1,090	188,698	0.2	322	63	173.4	188,761
1980.....	191.9	1,093	209,880	0.2	338	56	192.1	209,936
1981.....	204.0	1,097	223,682	0.2	346	54	204.2	223,736
1980								
Jan.	14.2	1,107	15,719	3/	--	--	14.2	15,719
Feb.	14.6	1,108	16,180	3/	--	--	14.6	16,180
Mar.	14.7	1,123	16,480	3/	--	--	14.7	16,480
Apr.	15.9	1,119	17,768	3/	--	--	15.9	17,768
May	16.9	1,106	18,714	3/	--	--	16.9	18,714
June	15.9	1,087	17,255	3/	--	--	15.9	17,255
July	16.5	1,080	17,826	3/	--	--	16.5	17,826
Aug.	16.7	1,069	17,864	3/	--	--	16.7	17,864
Sep.	17.5	1,093	19,111	3/	--	--	17.5	19,111
Oct.	17.4	1,068	18,554	3/	--	--	17.4	18,554
Nov.	15.8	1,084	17,186	3/	--	--	15.8	17,186
Dec.	15.9	1,086	17,224	3/	--	--	15.9	17,224
1981								
Jan.	16.8	1,098	18,483	3/	--	--	16.8	18,483
Feb.	16.4	1,107	18,121	3/	--	--	16.4	18,121
Mar.	18.4	1,115	20,550	3/	--	--	18.4	20,550
Apr.	16.4	1,106	18,125	3/	--	--	16.4	18,125
May	15.7	1,135	17,760	3/	--	--	15.7	17,760
June	15.9	1,109	17,657	3/	--	--	15.9	17,657
July	17.4	1,075	18,687	3/	--	--	17.4	18,687
Aug.	16.1	1,076	17,333	3/	--	--	16.1	17,333
Sep.	18.0	1,077	19,336	3/	--	--	18.0	19,336
Oct.	18.7	1,087	20,369	3/	--	--	18.7	20,369
Nov.	18.5	1,087	20,098	3/	--	--	18.5	20,098
Dec.	15.7	1,095	17,162	3/	--	--	15.7	17,162

1/ Includes slaughter in Federally inspected plants and in other slaughter plants, but excludes animals slaughtered on farms. 2/ First year of record. 3/ Not printed to avoid disclosing individual operations.

SHEEP AND WOOL

Lamb prices dropped by nearly $10.00 per hundredweight (cwt.) in 1981 to the lowest level since 1977. Sheep prices, on the other hand, rose to $17.30 per cwt., the second highest on record. Marketings for the year were up to a six-year high, at 41.6 million pounds. The net result was a lower value of production, off 9 percent from 1980, but an increased cash receipts.

Inventory numbers dipped during the year, after two years of growth. More lambs were born in 1981, but not enough more to offset the increase in marketings. The drop from 650,000 to 636,000 was just over 2 percent. In spite of the drops, the count was the second highest since January 1975. The 481,000 lambs saved during the year was again the highest since 1975 and was the result of 500,000 ewes producing a very good 96 percent lamb crop.

Part of the incentive behind the recent growth in the state's sheep herd has been the rising price of wool. In 1981, Utah producers averaged 92 cents per pound for wool sold, the highest on record. The value of wool produced during the year was $5.5 million, the highest since 1973, and 8 percent above 1980.

The next generation

As a nation, we have not been a world leader in sheep product on. We have less than one-tenth the number of sheep inventory of either the Soviet Union or Australia, and are even overshadowed by relatively small South Africa and the United Kingdom. To complicate matters, most of our sheep are thinly scattered over the ranges of the Western States. A number of factors combine to lessen our competitiveness in the world markets. Distance from markets, predator protection and preditor losses, high labor costs, etc., all combine to drive up the cost of producing sheep in this country. Sheepmen realize that, to keep in the race, they will have to improve efficiency and find ways to overcome their problems.

In other farm enterprises, an early step toward greater efficiency has been the concentration of production on fewer but larger operations. For a long time, this trend was not apparent in the sheep industry. Herd size was on the decline for several years. For example, the average size herd in 1970 was 350 head. In 1978, it had declined to 244 head. For the last three years, the trend has reversed and herd size has been on the increase. In 1981, the average count per farm with sheep had risen back to 260 head.

Sheep are important to Utah agriculture

Sheep: Number of Sheep Farms, and Number and Value of Sheep on Farms, Utah, January 1, Selected Years.

Year	Farms with Sheep	Sheep on Farms January 1						Sheep & Lambs on Feed
		All Sheep			Stock Sheep			
		Number	Value		Number	Farm Value		
			Per Head	Total		Per Head	Total	
		1,000 Head	Dollars	1,000 Dollars	1,000 Head	Dollars	1,000 Dollars	1,000 Head
1901 1/.	--	--	--	--	2,882	2.70	7,781	--
1931 2/.	--	2,935	--	18,784	2,775	6.50	18,048	160
1940....	--	2,248	--	15,895	2,095	7.20	15,038	153
1950....	--	1,329	--	27,028	1,269	20.40	25,888	60
1960....	--	1,336	--	24,461	1,249	18.40	22,982	87
1970....	3,000	1,053	--	33,998	978	32.50	31,785	75
1973....	2,800	905	32.50	29,413	820	--	--	85
1974....	2,600	772	39.50	30,494	722	--	--	50
1975....	2,500	697	38.50	26,835	660	--	--	37
1976....	2,400	590	42.50	25,075	568	--	--	22
1977....	2,300	580	51.00	29,580	560	--	--	20
1978....	2,300	561	62.00	34,726	540	--	--	21
1979....	2,300	594	84.50	50,129	570	--	--	24
1980....	2,400	625	100.50	62,813	595	--	--	30
1981....	2,500	650	86.00	55,900	620	--	--	30
1982....	--	636	70.50	44,838	610	--	--	26

1/ Record high January 1 Stock Sheep Inventory. 2/ Record high January 1 All Sheep Inventory.

Stock Sheep: Inventory by Classes, Utah, January 1, Selected Years.

Year	All Stock Sheep	Lambs		Sheep One Year and Over			
		Ewes	Wethers & Rams	Ewes	Rams	Wethers	Rams & Wethers
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940....	2,095	310	23	1,706	54	2	56
1950....	1,269	165	5	1,066	32	1	33
1960....	1,249	144	6	1,065	33	1	34
1970....	978	125	7	821	24	1	25
1973....	820	77	9	713	--	--	21
1974....	722	83	5	615	--	--	19
1975....	660	79	6	558	--	--	17
1976....	568	68	5	481	--	--	14
1977....	560	65	6	475	--	--	14
1978....	540	70	7	450	--	--	13
1979....	570	89	8	460	--	--	13
1980....	595	80	9	491	--	--	15
1981....	620	96	9	500	--	--	15
1982....	610	84	6	505	--	--	15

Sheep and Lambs: Inventory Numbers, Lamb Crop and Disposition, Utah, Selected Years.

Year	Inventory Beginning of Year	Lambs Saved	Inshipments	Marketing 1/		Farm Slaughter 2/	Deaths		Inventory End of Year
				Sheep	Lambs		Sheep	Lambs	
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1931 3/.	2,935	1,560	69	156	1,049	40	300	174	2,845
1940....	2,248	1,365	40	127	894	38	236	110	2,248
1950....	1,329	895	92	39	668	22	125	70	1,392
1960....	1,336	927	54	59	759	21	125	76	1,277
1970....	1,053	780	100	74	646	25	94	85	1,009
1973....	905	635	60	99	551	9	84	85	772
1974....	772	578	50	75	462	6	72	88	697
1975....	697	502	41	76	400	10	86	78	590
1976....	590	433	35	13	319	8	64	74	580
1977....	580	428	33	43	304	5	50	78	561
1978....	561	423	30	18	286	6	50	60	594
1979....	594	430	30	26	309	6	38	50	625
1980....	625	476	30	19	347	9	56	50	650
1981....	650	481	30	45	359	7	54	60	636

1/ Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter for farmers at commercial establishments. 3/ Record high beginning of year inventory.

Sheep and Lambs: Production and Income, Utah, Selected Years.

Year	Production 1/	Marketing 2/	Price per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
			Sheep	Lambs					
	1,000 Pounds	1,000 Pounds	Dollars	Dollars	1,000 $	1,000 $	1,000 $	1,000 $	1,000 $
1931 4/	82,830	90,122	3.55	5.10	--	4,372	126	4,498	255
1940...	75,523	76,550	3.35	7.50	--	5,201	147	5,348	234
1950...	56,611	56,624	10.60	24.90	--	13,535	278	13,813	1,749
1960...	62,307	71,459	5.30	17.00	10,352	11,402	191	11,558	574
1970...	60,909	73,550	7.10	25.40	15,00	16,992	608	17,600	--
1973...	45,942	67,265	12.40	31.90	15	19,045	321	19,366	--
1974...	41,520	54,507	11.50	34.90		16,834	217	17,051	--
1975...	29,281	45,370	10.10	40.90	12,558	15,630	410	16,040	--
1976...	27,353	30,235	10.90	43.70	11,632	12,680	325	13,005	--
1977...	27,745	32,695	10.80	50.00	13,043	14,241	222	14,463	--
1978...	29,844	27,940	15.70	59.50	16,227	15,639	348	15,987	--
1979...	34,187	31,010	19.20	63.80	18,201	18,335	380	18,715	--
1980...	35,253	33,495	16.50	61.60	19,752	19,562	542	20,104	--
1981...	38,961	41,580	17.30	51.80	17,957	19,598	370	19,968	--

1/ Adjustments made for changes in inventory and for inshipments. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 3/ Receipt from marketings and sale of farm slaughter. 4/ Record high January 1 sheep inventory.

Lamb Crop: Utah, Selected Years.

Year	Breeding Ewes One Year and Older January 1	Lambs Saved 1/	
		Number	As Percent of Ewes One Year and Older
	1,000 Head	1,000 Head	Percent
1930 2/.....	2,170	1,736	80
1940.....	1,706	1,365	80
1950.....	1,066	895	84
1960.....	1,065	927	87
1970.....	821	780	95
1973.....	713	635	89
1974.....	615	578	94
1975.....	558	502	90
1976.....	481	433	90
1977.....	475	428	90
1978.....	450	423	94
1979.....	460	430	93
1980.....	491	476	97
1981.....	500	481	96

1/ Lambs saved defined as lambs living July 1, or lambs docked or branded.
2/ Record high lamb crop.

Wool Production and Value: Utah, Selected Years.

Year	All Sheep Shorn 1/	Weight per Fleece	Shorn Wool Production	Average Price per Pound 2/	Value 3/
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1931 4/...	2,692	9.0	24,228	13	3,150
1940.....	1,990	9.3	18,507	27	4,997
1950.....	1,180	9.4	11,092	58	6,433
1960.....	1,203	9.9	11,950	39	4,660
1970.....	985	9.8	9,637	32	3,084
1973.....	774	10.0	7,760	78	6,053
1974.....	728	10.0	7,255	59	4,280
1975.....	591	10.4	6,140	44	2,702
1976.....	546	10.5	5,711	65	3,712
1977.....	550	10.5	5,802	64	3,713
1978.....	536	10.4	5,567	70	3,897
1979.....	563	10.2	5,717	88	5,031
1980.....	575	9.9	5,670	90	5,103
1981.....	590	10.2	6,010	92	5,529

1/ Includes sheep shorn at commercial feeding yards. 2/ Monthly price weighted by monthly sales of wool. 3/ Production multiplied by annual average price. 4/ Record high January 1 inventory.

Sheep and Lamb Slaughter: Number and Liveweight, Utah, Annual, Selected Years, and Monthly 1980-81.

Year	Number 1/	Average Liveweight per Head	Total Liveweight
	1,000 Head	Pounds	1,000 Pounds
1944 2/.....	106.2	--	--
1950.....	155.0	101	15,682
1960.....	307.4	102	31,476
1970.....	847.0	106	89,400
1973.....	359.8	111	40,093
1974.....	345.3	109	37,507
1975.....	142.5	106	15,104
1976.....	28.0	107	2,989
1977.....	24.1	112	2,692
1978.....	24.0	113	2,707
1979.....	22.9	113	2,593
1980.....	24.3	116	2,811
1981.....	23.4	112	2,626
1980			
Jan.	1.9	125	241
Feb.	1.8	124	224
Mar.	1.9	122	236
Apr.	2.2	121	266
May	1.9	114	223
June	1.9	104	201
July	1.9	105	197
Aug.	2.1	108	226
Sep.	1.9	113	219
Oct.	2.3	113	257
Nov.	2.1	123	257
Dec.	2.3	115	265
1981			
Jan.	2.1	117	249
Feb.	1.7	118	201
Mar.	1.9	116	218
Apr.	1.8	112	203
May	1.7	111	188
June	1.9	110	206
July	1.7	107	186
Aug.	1.9	107	199
Sep.	1.8	111	204
Oct.	2.3	115	265
Nov.	2.2	111	243
Dec.	2.4	111	263

1/ Includes slaughter under Federal inspection and other commercial slaughter, excludes farm slaughter. 2/ First year on record.

HOGS

In 1981, pork supplies were on the dec line and prices made some recovery from the levels of the previous year. Cash receipts in Utah made strong gains during the year--up more than $1 million or 18 percent from 1980. Both farms with hogs, and hogs on farms, dropped during the year. At 40,000 head, the year end count was off 31 percent, and was the lowest in 15 years. Commercial slaughter has grown over the past few years, and is currently running at over 14,000 head per month.

For 1982, pork supplies should continue to slip and prices continue to rise. With feed costs down, the profit picture should improve for producers. Consumer demand is the only variable that could turn against the industry, and that depends on the general economic condition of the country.

Pig Crop: Sows Farrowing and Pigs Saved, Utah, Selected Years.

Year	Spring Pig Crop 1/			Fall Pig Crop 2/			Total Pig Crop Spring and Fall	
	Sows Farrowing	Pigs per Litter	Pigs Saved	Sows Farrowing	Pigs per Litter	Pigs Saved	Sows Farrowing	Pigs Saved
	1,000 Head	Head	1,000 Head	1,000 Head	Head	1,000 Head	1,000 Head	1,000 Head
1940.....	16.0	6.0	96	10.0	6.8	68	26.0	164
1943 3/.....	28.0	6.4	179	23.0	6.6	152	51.0	331
1950.....	10.0	6.4	64	7.0	6.9	48	17.0	112
1960.....	5.8	6.7	39	6.2	7.3	45	12.0	84
1970.....	4.8	7.1	34	4.6	7.2	33	9.4	67
1972.....	4.6	7.0	32	4.2	7.1	30	8.8	62
1973.....	4.6	7.7	35	4.8	6.9	33	9.4	68
1974.....	4.6	7.5	35	4.5	7.2	32	9.1	67
1975.....	4.7	6.7	31	5.0	7.3	37	9.7	68
1976.....	4.5	7.7	35	5.9	7.2	42	10.4	77
1977.....	6.0	7.7	46	4.5	6.9	31	10.5	77
1978.....	5.0	6.8	34	5.0	7.1	36	10.0	70
1979.....	4.0	6.7	27	6.5	6.8	44	10.5	71
1980.....	5.0	7.0	35	8.0	6.0	48	13.0	83
1981.....	4.0	7.6	30	4.5	7.1	32	8.5	62

1/ Spring, December through May. 2/ Fall, June through November. 3/ Record high annual pig crop.

Hogs and Pigs: Number of Hog Farms, and Number and Value of Hogs on Farms, Utah, Selected Years.

Farms		Hogs			
Year	Number with Hogs	Date	Number	Value	
				Per Head	Total
			1,000 Head	Dollars	1,000 Dollars
--	--	Jan. 1, 1940	125	6.60	825
--	--	Jan. 1, 1944 1/	196	12.00	2,352
--	--	Jan. 1, 1950	88	22.20	1,954
--	--	Jan. 1, 1960	68	16.20	1,102
1970	2,000	Dec. 1, 1970	45	23.00	1,035
1972	1,900	Dec. 1, 1972	42	32.00	1,344
1973	2,000	Dec. 1, 1973	46	53.00	2,438
1974	2,200	Dec. 1, 1974	44	35.00	1,540
1975	2,000	Dec. 1, 1975	47	61.00	2,867
1976	1,900	Dec. 1, 1976	51	43.50	2,219
1977	1,900	Dec. 1, 1977	42	52.50	2,205
1978	1,900	Dec. 1, 1978	49	69.00	3,381
1979	1,900	Dec. 1, 1979	55	46.50	2,558
1980	2,200	Dec. 1, 1980	58	63.00	3,654
1981	2,000	Dec. 1, 1981	40	66.50	2,660

1/ Record high January 1 Hog and Pig inventory.

Hogs: Inventory by Classes and Weight Groups, Utah, Dec. 1, 1967-81.

Year	Total	Breeding	Market	Market Hogs and Pigs by Weight Group			
				Under 60 Lbs.	60-119 Lbs.	120-179 Lbs.	180 Lbs. and Over
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1967.....	43	8	35	13	9	7	6
1968.....	43	7	36	15	9	7	5
1969.....	43	7	36	16	8	6	6
1970.....	45	8	37	16	9	6	6
1972.....	42	6	36	14	10	7	5
1973.....	46	7	39	16	11	7	5
1974.....	44	7	37	14	11	7	5
1975.....	47	8	39	17	9	8	5
1976.....	51	8	43	19	11	7	6
1977.....	42	7	35	15	8	7	5
1978.....	49	8	41	17	10	8	6
1979.....	55	8	47	24	11	7	5
1980.....	58	7	51	15	16	14	6
1981.....	40	5	35	12	9	10	4

Hogs and Pigs: Inventory, Supply, and Disposition, Utah, Selected Years.

Year	Inventory Beginning of Year	Annual Pig Crop	Inship-ments	Market-ings 1/	Farm Slaughter 2/	Deaths	Inventory End of Year
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940.....	125	164	3	139	32	16	105
1944 3/....	196	170	5	213	30	20	108
1950.....	88	112	1	83	19	15	84
1960.....	68	84	1	64	11	10	68
1970.....	43	67	2	58	3	6	45
1973.....	42	68	2	59	3	4	46
1974.....	46	67	2	63	4	4	44
1975.....	44	68	2	60	3	4	47
1976.....	47	77	2	67	4	4	51
1977.....	51	77	2	80	3	5	42
1978.....	42	70	2	59	2	4	49
1979.....	49	71	2	57	1	9	55
1980.....	55	83	2	73	2	7	58
1981.....	58	62	2	76.5	1	4.5	40

1/ Includes custom slaughter for use on farm where produced, State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter for farmers at commercial establishments. 3/ Record high beginning of year inventory.

Hogs and Pigs: Production and Income, Utah, Selected Years.

Year	Production 1/	Marketings 2/	Price per 100 Lbs.	Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
	1,000 Pounds	1,000 Pounds	Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940.....	31,760	27,800	5.70	--	1,734	268	2,002	22
1944.....	43,655	46,995	12.80	--	6,345	592	6,937	72
1950.....	23,272	18,687	18.60	--	3,779	544	4,323	20
1960.....	16,611	13,676	15.70	2,608	2,577	331	2,541	14
1970.....	13,852	12,488	22.40	3,103	3,388	269	3,066	--
1973.....	15,056	13,511	35.90	5,405	4,850	430	5,280	--
1974.....	14,790	12,803	33.20	4,910	4,251	718	4,969	--
1975.....	14,995	13,476	43.30	5,481	5,846	549	6,395	--
1976.....	17,159	13,969	42.90	7,355	5,999	1,270	7,269	--
1977.....	18,064	17,237	38.60	6,959	6,667	708	7,375	--
1978.....	14,791	12,980	45.30	6,680	5,880	464	6,344	--
1979.....	13,255	12,864	40.30	5,324	5,184	212	5,396	--
1980.....	18,483	16,125	36.70	6,762	5,918	488	6,406	--
1981.....	15,718	17,172	40.60	6,364	6,972	349	7,321	--

1/ Adjustments made for inshipments and changes in inventories. 2/ Excludes interfarm sales and custom slaughter for use on farms where produced. 3/ Includes receipts from marketings and from sales of farm slaughtered meat.

Commercial Hog Slaughter: Number and Liveweight, Utah, Annual, Selected Years and Monthly 1980-81.

Year	Number 1/	Average Liveweight per Head	Total Liveweight
	1,000 Head	Pounds	1,000 Pounds
1944 2/.....	258.2	--	--
1950.....	246.7	228	56,259
1960.....	306.4	227	69,695
1970.....	117.4	229	26,837
1973.....	66.9	215	14,371
1974.....	78.5	212	16,641
1975.....	69.9	212	14,836
1976.....	80.3	242	19,449
1977.....	159.0	233	37,098
1978.....	99.1	232	23,006
1979.....	122.2	237	28,937
1980.....	154.5	236	36,428
1981.....	173.5	237	41,078
1980			
Jan.	12.9	235	3,043
Feb.	11.8	236	2,787
Mar.	12.9	236	3,045
Apr.	14.3	236	3,376
May	14.0	236	3,313
June	12.5	232	2,900
July	11.9	236	2,811
Aug.	10.8	234	2,530
Sep.	12.9	238	3,077
Oct.	14.4	237	3,411
Nov.	12.2	235	2,870
Dec.	13.8	237	3,264
1981			
Jan.	13.9	240	3,336
Feb.	12.3	238	2,937
Mar.	14.9	238	3,553
Apr.	15.2	234	3,566
May	13.8	237	3,269
June	14.1	234	3,305
July	15.1	235	3,543
Aug.	14.0	237	3,324
Sep.	14.9	237	3,533
Oct.	15.2	238	3,621
Nov.	14.5	236	3,429
Dec.	15.5	237	3,662

1/ Includes slaughter in Federally inspected plants and in other slaughter plants, but excludes animals slaughtered on farms. 2/ First year of record.

DAIRY

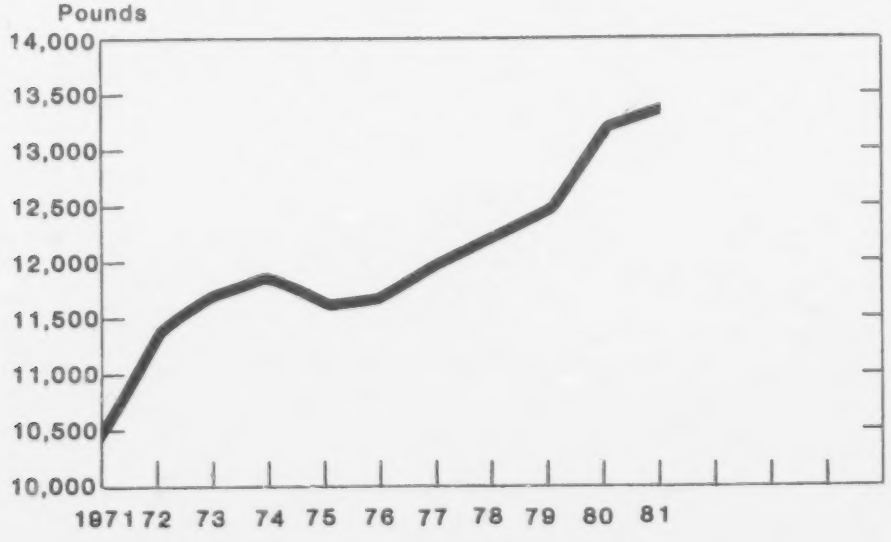
Record milk production was the story in Utah's dairies again in 1981. Production increased 8 percent over 1980, and hit a total of 1.110 billion pounds--the second consecutive year over the one billion pound mark. This increase in production, and a 5 percent increase in price, resulted in a 13 percent jump in cash receipts for Utah's dairy farms.

In 1981, milk production accounted for 37 percent of the cash receipts from livestock and livestock products, and 27 percent of the total cash receipts. With a contribution of $144 million, the dairy industry is solidly in second place in terms of the state's agricultural economy, and only 4 percentage points behind the leading cattle and calves.

Dairy product output in Utah set records for ice cream and cheese. Ice cream, at 8.5 million gallons, was up 3 percent from 1980. Cheese production, other than Swiss cheese, set all-time record marks, with a total of 63.5 million pounds being produced. Of this amount, 52.0 million pounds was cheddar cheese, and 11.4 million pounds was other cheeses; such as: Colby, Monterey, Jack, Munster, Port du Salut, and Gruyere. Swiss production set a new high, at 22.2 million pounds, one-fifth of the total U.S. output.

Milk cows in Utah are basically located in the northern portion, with Cache and Box Elder Counties having 38 percent of the total. The top four counties (Cache, Box Elder, Weber, and Utah) control 57 percent of the milk cows in the state.

UTAH, MILK PRODUCTION PER COW, 1971-81.

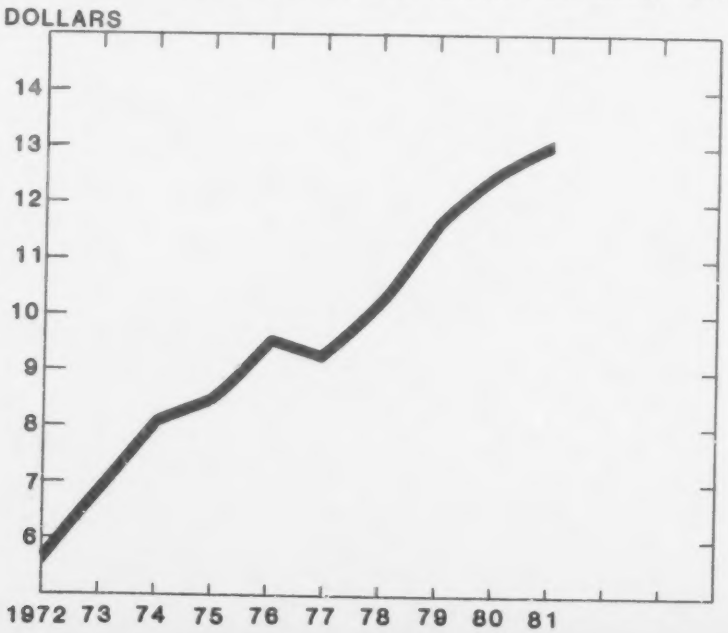


Milk Cows and Milk Production by Months, Utah, 1974-81.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Milk Cows (Thousand Head)													
1974.....	74	75	76	77	78	79	80	81	81	80	80	79	1/78
1975.....	79	79	78	78	79	79	80	80	79	80	79	79	1/79
1976.....	78	78	78	78	78	78	79	79	79	79	79	79	1/79
1977.....	79	78	78	78	79	79	79	78	78	77	76	76	1/78
1978.....	76	76	76	76	76	77	78	78	78	78	78	78	1/77
1979.....	78	77	77	76	76	76	76	76	76	75	75	75	1/76
1980.....	75	76	76	77	78	78	79	80	79	79	78	79	1/78
1981.....	80	80	81	82	83	84	84	85	85	85	86	86	1/83
Milk Per Cow (Pounds)													
1974.....	950	880	985	1000	1075	1045	1060	1000	985	960	910	935	11859
1975.....	950	875	975	980	1040	1060	1070	1000	940	960	875	900	11633
1976.....	950	900	975	990	1025	1060	1060	1025	960	960	925	935	11696
1977.....	975	920	1020	1015	1060	1040	1060	1050	960	975	950	975	12000
1978.....	985	925	1040	1040	1090	1075	1100	1065	1000	1000	925	950	12208
1979.....	950	895	1030	1040	1125	1105	1130	1100	1030	1050	980	1030	12474
1980.....	1080	1010	1120	1115	1195	1150	1190	1140	1075	1075	1015	1040	13179
1981.....	1065	975	1145	1140	1195	1170	1200	1165	1095	1085	1030	1045	13370
Milk Produced (Million Pounds)													
1974.....	70	66	75	77	84	83	85	81	80	77	73	74	925
1975.....	75	69	76	76	82	84	86	80	74	77	69	71	919
1976.....	74	70	76	77	80	83	84	81	76	76	73	74	924
1977.....	77	72	80	79	84	82	84	82	75	75	72	74	936
1978.....	75	70	79	79	83	83	86	83	78	78	72	74	940
1979.....	74	69	79	79	85	84	86	84	78	79	74	77	948
1980.....	81	77	85	86	93	90	94	91	85	85	79	82	1028
1981.....	85	78	93	93	99	98	101	99	93	92	89	90	1110

1/ Average per month.

UTAH, AVERAGE PRICE PER HUNDREDWEIGHT FOR MILK, 1972-81.



Milk Cows and Production: Milk and Milkfat on Farms, Utah, Selected Years.

Year	Farms with milk cows	Number of milk cows on farms	Production of Milk and Milkfat				
			Per milk cow		Percentage of fat in all milk produced	Total	
			Milk	Milkfat		Milk	Milkfat
	1,000	1,000	Pounds	Pounds	Percent	Million Pounds	Million Pounds
1940...		96	5,730	215	3.75	550	21
1950...		100	6,550	246	3.75	655	25
1960...		94	8,130	297	3.65	764	28
1970...	3.8	78	10,500	382	3.64	819	30
1973...	2.6	74	11,703	430	3.67	866	32
1974...	2.8	78	11,859	433	3.65	925	34
1975...	2.8	79	11,633	427	3.67	919	34
1976...	2.7	79	11,696	423	3.62	924	33
1977...	2.7	78	12,000	427	3.56	936	33
1978...	2.7	77	12,208	432	3.54	940	33
1979...	2.7	76	12,474	442	3.54	948	34
1980...	2.7	78	13,179	468	3.55	1,028	36
1981 1/	2.7	83	13,373	471	3.52	1,110	39

1/ Record high annual milk production.

Milk Used and Marketed by Farmers, Utah, Selected Years.

Year	Milk Used on Farms Where Produced				Milk Marketed by Farmers			
	Fed to Calves	Consumed as Fluid Milk and Cream	Used for Farm-Churned Butter	Total	Sold to Plants and Dealers		Sold Directly to Consumers	Total
					As Whole milk	As Farm separated cream		
	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds
1940....	17	61	22	100	296	116	35	1/450
1950....	22	51	13	86	515	26	28	569
1960....	18	33	5	56	675	11	22	708
1970....	9	18	--	27	740	2	50	792
1973....	9	16	--	25	805	--	36	841
1974....	8	16	--	24	860	--	41	901
1975....	8	14	--	22	860	--	37	897
1976....	10	15	--	25	855	--	44	899
1977....	9	12	--	21	875	--	40	915
1978....	9	11	--	20	880	--	40	920
1979....	10	5	--	15	895	--	38	933
1980....	9	9	--	18	985	--	25	1,010
1981....	12	10	--	22	1,060	--	28	1,088

1/ Includes 3,000,000 for farm churned butter sold.

Milk and Cream Marketed by Farmers: Quality, Price and Cash Receipts, Utah, Selected Years.

Year	Milk Sold to Plants and Dealers				Cream Sold to Plants and Dealers			Milk Sold Directly to Consumers		
	Quantity	Percent Fluid Grade	Price per 100 Lb.	Cash Receipts	Quantity Milkfat	Price per Lb. Fat	Cash Receipts	Quantity	Price per Quart	Cash Receipts
	Million Pounds	Percent	Dol.	1,000 Dollars	1,000 Pounds	Cents	1,000 Dollars	1,000 Quarts	Cents	1,000 Dollars
1940...	296	--	1.45	4,292	4,330	30	1,299	16,000	7.7	1,232
1950...	515	--	3.69	19,004	970	62	601	13,000	16.0	2,080
1960...	675	--	4.07	27,472	400	55	220	10,000	18.0	1,800
1970...	740	71	5.48	40,552	71	59	42	23,256	21.5	5,000
1973...	805	72	6.97	56,109	--	--	--	16,744	25.0	4,186
1974...	860	73	8.10	69,660	--	--	--	19,070	28.0	5,340
1975...	860	75	8.50	73,100	--	--	--	17,209	28.0	4,819
1976...	855	73	9.45	80,798	--	--	--	20,465	34.0	6,958
1977...	875	74	9.35	81,813	--	--	--	18,605	31.0	5,768
1978...	880	74	10.30	90,640	--	--	--	18,605	33.0	6,140
1979...	895	73	11.70	104,715	--	--	--	17,674	35.0	6,186
1980...	985	70	12.50	123,125	--	--	--	11,628	38.0	4,419
1981...	1,060	68	13.10	138,860	--	--	--	13,023	40.0	5,209

Farm Dairy Products: Marketings, Income, and Value, Utah, Selected Years.

Year	Combined Marketings of Milk and Cream				Used for Milk Cream and Butter on Farms where Produced		Gross Farm Income from Dairy Products	Farm Value of Milk Produced
	Milk Utilized	Average Returns		Cash Receipts from Marketings	Milk Utilized	Value		
		Per 100 Pounds Milk	Per Pound Milkfat					
	Million Pounds	Dollars	Dollars	1,000 Dollars	Million Pounds	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940....	450	1.53	.41	6,868	83	1,270	8,138	8,423
1950....	570	3.81	1.02	21,717	63	2,400	24,117	24,956
1960....	708	4.17	1.14	29,492	38	1,585	31,007	31,859
1970....	792	5.76	1.58	45,594	18	1,037	46,631	47,174
1973....	841	7.17	1.95	60,295	16	1,147	61,442	62,092
1974....	901	8.32	2.28	75,000	16	1,331	76,331	76,960
1975....	897	8.69	2.37	77,919	14	1,217	79,136	79,861
1976....	899	9.76	2.70	87,756	15	1,464	89,220	90,182
1977....	915	9.57	2.69	87,581	12	1,148	88,729	89,575
1978....	920	10.52	2.97	96,780	11	1,157	97,937	98,838
1979....	933	11.89	3.36	110,901	5	595	111,496	112,717
1980....	1,010	12.63	3.56	127,544	9	1,137	128,681	129,836
1981....	1,088	13.24	3.76	144,069	10	1,324	145,393	146,964

Butter and Cheese: Production, Utah, Selected Years.

Year	Butter	American Cheese			Swiss Cheese	Total Whole Milk Cheese
		Cheddar	Other	All		
	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds
1940.....	10,426			4,496	0	4,496
1950.....	5,834			6,901	5,163	12,064
1960.....	7,106	5,460	608	6,068	5,890	11,958
1970.....	8,411	18,279	3,911	22,190	10,776	32,966
1973.....	7,586	32,066	4,526	36,592	16,660	53,252
1974.....	7,375	40,047	4,428	44,475	18,386	62,886
1975.....	7,307	32,355	5,783	38,138	19,654	57,824
1976.....	5,653	37,689	5,891	43,580	20,173	63,766
1977.....	5,507	35,863	7,277	43,140	19,189	62,330
1978.....	4,654	33,863	6,452	40,315	19,991	60,464
1979.....	4,889	33,666	7,660	41,326	21,244	62,828
1980.....	5,592	40,554	9,709	50,263	21,144	71,659
1981.....	7,947	52,047	11,407	63,454	22,156	85,877

Cottage Cheese and Dry Whey: Production, Utah, Selected Years.

Year	Cottage Cheese		Dry Whey		
	Curd	Creamed	Human Food	Animal Feed	Total
	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds
1940.....	670	966			
1950.....	2,476	3,563			
1960.....	4,796	7,458			
1970.....	5,236	8,795	2/	2/	12,190
1973.....	6,440	1/10,673	2/	2/	22,629
1974.....	6,020	1/9,829	2/	2/	26,679
1975.....	5,617	1/8,560	19,204	1,348	20,552
1976.....	6,158	1/9,723	16,467	2,308	18,775
1977.....	5,960	1/9,502	19,690	2,688	22,378
1978.....	5,281	1/8,583	24,403	1,334	25,737
1979.....	5,094	1/8,389	21,556	1,599	23,155
1980.....	5,427	1/8,980	20,309	520	20,829
1981.....	6,022	1/9,452	22,138	775	22,913

1/ Includes any low fat production. 2/ Less than 3 plants.

Frozen Products: Production, Utah, Selected Years.

Year	Ice Cream 1/	Ice Milk			Sherbet 1/	Water Ices
		Hard	Soft	Total		
	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons
1940.....	1,235	--	--	201	60	--
1950.....	2,532	--	--	578	76	--
1960.....	3,849	563	771	1,334	350	181
1970.....	4,456	1,189	1,547	2,736	449	292
1973.....	5,387	1,285	1,708	2,993	439	197
1974.....	5,812	1,313	1,813	3,126	421	190
1975.....	6,758	1,264	1,284	2,548	451	148
1976.....	6,708	1,203	1,659	2,862	454	246
1977.....	6,681	1,188	1,953	3,141	471	233
1978.....	7,322	1,025	1,905	2,930	514	190
1979.....	7,878	905	1,699	2,604	582	151
1980.....	8,198	804	2,078	2,882	593	127
1981.....	8,475	661	1,690	2,351	533	152

1/ Essentially all hard frozen.

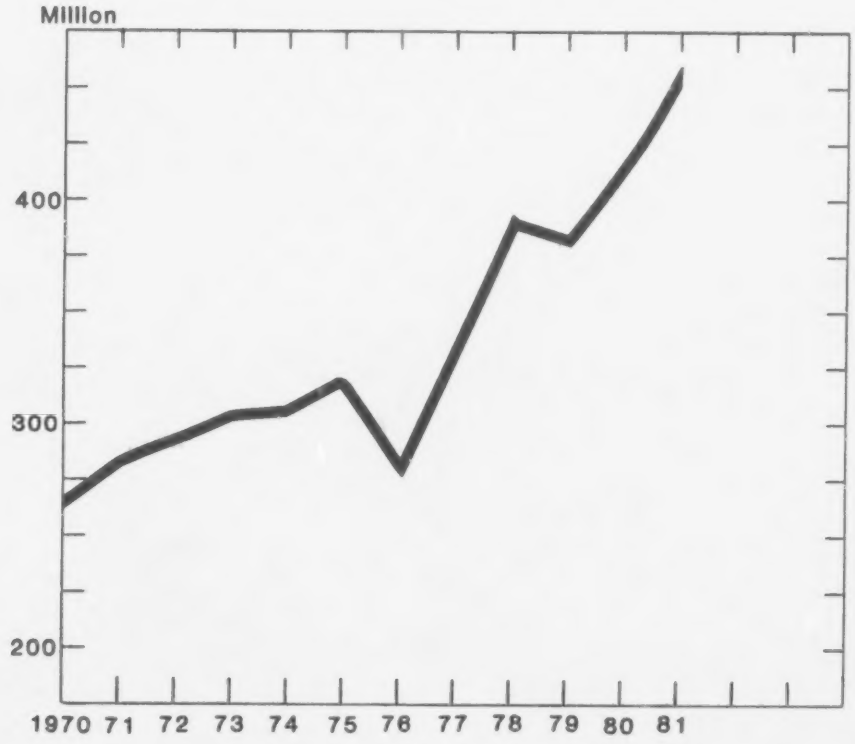
All the comforts of home

CHICKENS AND EGGS

Utah egg producers set two important records in 1981. Eggs sold, at 457 million, broke the old record of 414 million set the previous year. Cash receipts from the sales of eggs reached $20.6 million, 22 percent above the previous record. Several factors were at work in establishing the new benchmarks. The number of layers in the state has been steadily increasing over the past several years, up 45 percent in five years. Eggs per layer has gradually inched upward to a new high--241 eggs per bird--in 1981. Finally, price per dozen eggs, at 54 cents, is 4 cents above the previous record set in 1976.

In the second half of 1981, rising egg prices and reduced feed costs pushed the egg income picture back into the black. Conditions ahead appear to favor improved income in 1982. Feed prices should be stable and egg production will likely be off a little.

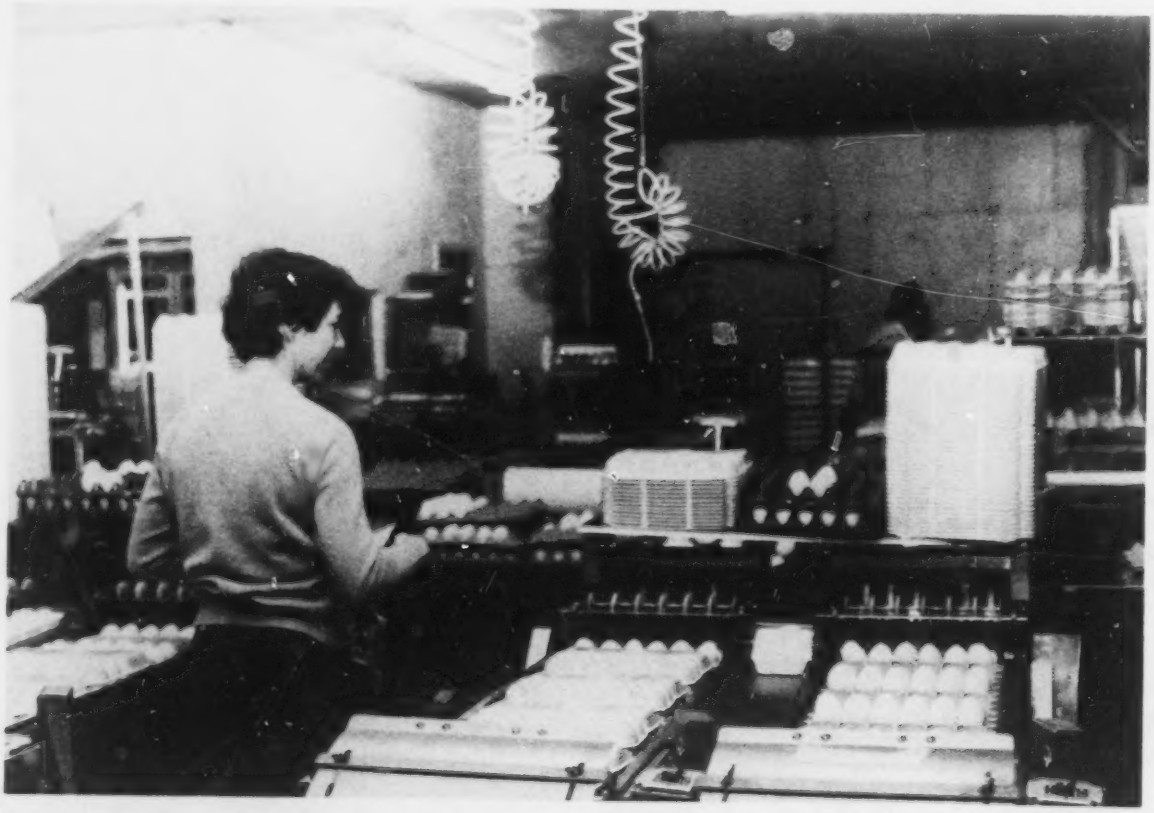
UTAH EGG SALES, 1970-81.



Eggs: Layers Production, Disposition, and Income, Utah, Selected Years.

Year	Average Number Layers	Eggs				Income			
		Produced		Disposition		Price per Dozen	Cash Receipts	Value of Home Consumption	Gross Income
		Per Layer	Total	Home Consumption	Sold				
	Thousands		Millions	Millions	Millions	Cents	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940...	1,739	155	269	39	230	18.7	3,584	592	4,176
1944 1/	2,658	165	439	43	396	35.5	11,715	1,242	12,957
1950...	2,310	184	425	32	393	39.5	12,936	1,053	13,989
1960...	1,377	223	307	13	294	34.9	8,550	378	8,928
1970...	1,256	216	271	4	267	36.0	8,010	120	8,130
1973...	1,346	227	306	2	304	48.9	12,388	82	12,470
1974...	1,369	227	311	2.5	308.5	46.3	11,903	96	11,999
1975...	1,381	232	321	2	319	42.7	11,351	71	11,422
1976...	1,310	216	283	1.5	281.5	50.0	11,729	63	11,792
1977...	1,468	228	335	2	333	48.2	13,376	80	13,456
1978...	1,680	235	395	2	393	44.0	14,410	73	14,483
1979...	1,660	232	385	2	383	45.0	14,363	75	14,438
1980...	1,762	236	416	2	414	49.0	16,905	82	16,987
1981...	1,903	241	459	2	457	54.0	20,565	90	20,655

1/ Record high layers and eggs produced.



A modern egg processing plant

Chicken Inventory 1/: Number and Value, Utah, Selected Years.

Date	Hens & Pullets of Laying Age	Pullets 3 Mo. & Over--Not Laying	Pullets Under 3 Months	Other Chickens	Total Chickens		
					Number	Value	
						Average	Total
	1,000	1,000	1,000	1,000	1,000	Dollars	1,000 Dollars
Jan. 1, 1940....	2,191	3/	4/	175	2,366	.63	1,491
Jan. 1, 1944 2/.	3,181	3/	4/	313	3,494	1.10	3,843
Jan. 1, 1950....	2,871	3/	4/	150	3,021	1.22	3,686
Jan. 1, 1960....	1,691	3/	4/	69	1,760	.94	1,654
Jan. 1, 1970....	1,320	190	219	10	1,739	1.20	2,087
Dec. 1, 1970....	1,182	218	327	10	1,737	1.10	1,911
Dec. 1, 1973....	1,380	255	233	3	1,871	1.45	2,713
Dec. 1, 1974....	1,339	212	241	4	1,796	1.55	2,784
Dec. 1, 1975....	1,284	239	207	4	1,734	1.85	3,208
Dec. 1, 1976....	1,387	223	210	1	1,821	1.75	3,187
Dec. 1, 1977....	1,669	136	284	5	2,094	1.80	3,769
Dec. 1, 1978....	1,700	108	335	7	2,150	2.05	4,408
Dec. 1, 1979....	1,682	208	106	4	2,000	2.20	4,400
Dec. 1, 1980....	1,871	91	134	4	2,100	1.65	3,465
Dec. 1, 1981....	1,892	144	85	4	2,125	1.70	3,613

1/ Excludes commercial broilers. 2/ Record high January 1 chicken inventory. 3/ Included with hens and pullets. 4/ Included in hens and pullets and in other chickens.

Chickens 1/: Inventory Numbers, Number Raised and Disposition, Utah, Selected Years.

Year 2/	All Chickens on Hand Beginning of Year	Lost	Raised	Home Consumption	Sold	All Chickens on Hand End of Year	Produced	
							Number	Weight
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Pounds
1940...	2,366	426	2,917	512	2,044	2,301	2,491	7,627
1950...	3,021	634	4,236	395	3,562	2,666	3,602	13,851
1960...	1,760	334	1,397	203	1,018	1,602	1,063	4,252
1970...	1,751	200	862	38	638	1,737	662	2,336
1973...	1,702	180	1,075	16	710	1,871	895	3,489
1974...	1,871	190	1,024	14	895	1,796	834	3,274
1975...	1,796	144	922	13	827	1,734	778	3,032
1976...	1,734	126	927	13	701	1,821	801	3,050
1977...	1,821	183	963	13	494	2,094	780	2,828
1978...	2,094	180	1,000	20	744	2,150	820	2,998
1979...	2,150	210	930	20	850	2,000	720	3,299
1980...	2,000	260	1,184	20	804	2,100	924	3,528
1981...	2,100	300	1,305	20	960	2,125	1,005	3,916

1/ Excludes commercial broilers. 2/ Jan. 1 through 1969--Dec. 1 starting 1970.

Chickens 1/: Disposition, Cash Receipts, and Gross Income, Utah, Selected Years.

Year	Sold	Home Consumption	Price per Pound	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	1,000 Pounds	1,000 Pounds	Cents	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940....	6,132	1,690	11.0	839	675	186	861
1950....	13,892	395	20.7	2,867	2,867	278	3,154
1960....	4,174	710	8.2	349	342	58	400
1970....	2,552	152	4.0	93	102	6	108
1973....	2,769	64	12.0	419	332	8	340
1974....	3,491	56	6.0	196	209	3	212
1975....	3,143	51	4.0	121	126	2	128
1976....	2,664	51	7.0	214	186	4	190
1977....	1,877	51	7.5	212	141	4	145
1978....	2,827	78	6.6	198	187	5	192
1979....	3,230	78	8.0	264	258	6	264
1980....	3,055	78	8.0	282	244	6	250
1981....	3,648	78	6.0	235	219	5	224

1/ Excludes commercial broilers.

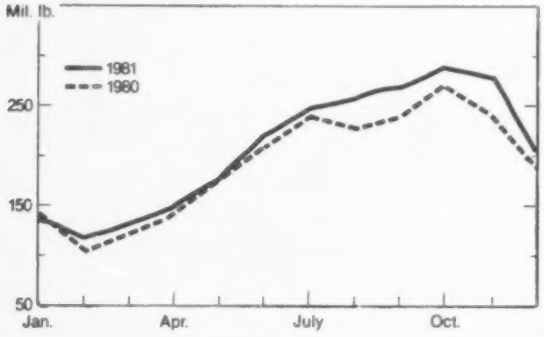
Mechanization is expensive, but necessary

TURKEYS

The 1981 season was disastrous for turkey growers, as prices fell to a four-year low and production costs remained high. Farm prices fell from a record high 50 cents per pound in 1980 to 41 cents last year. That's an 18 percent drop. Production was up both in Utah and nationally. At the same time, cold storage carryover stocks were up. In spite of continued growth in per capita consumption, the large supplies--both of turkey and competing meats--drove down the price.

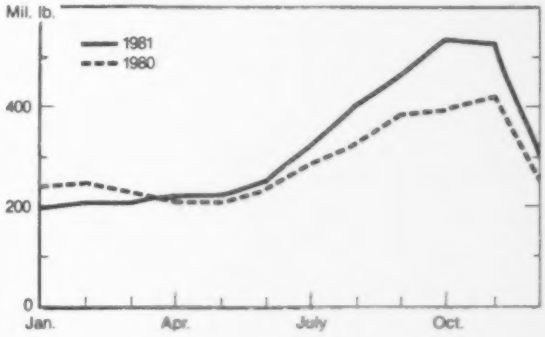
In 1981, turkey producers had negative income in all but the second quarter. That, coupled with unfavorable prospects for the first half of 1982, will likely force a cut in production. Because of the expected lower production, look for gradually strengthening prices. USDA economists look for prices to average below year earlier levels for the first half of 1982, and then rise above in the second half.

Turkey Slaughter*



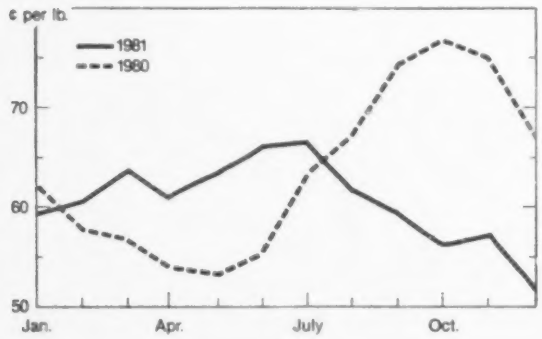
*Certified ready-to-cook under Federal inspection

Turkey Cold Storage Stocks*



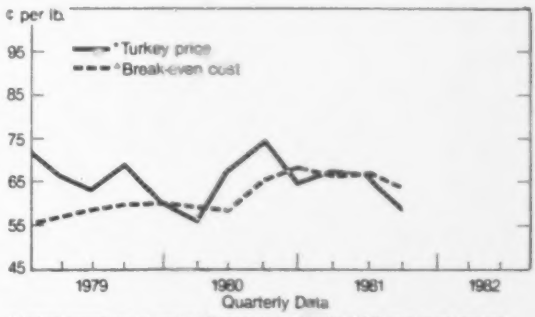
*First of month

Turkey Prices*



*Young hens 8-16 pounds, New York

Turkeys
Break-Even Cost and Market Price



*Weighted average price in New York, Chicago, and Los Angeles of 8-16 pound young hens and 24-26 pound young toms. ΔEstimated U.S. break-even cost.

Turkeys: Production and Gross Income, Utah, Selected Years.

Year	Raised			Average Weight	Produced	Per Pound	Gross Income 1/
	Heavy	Light	Total				
	1,000 Head	1,000 Head	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1940.....	--	--	854	16.0	13,656	17.4	2,376
1950.....	--	--	1,673	21.5	35,914	27.8	9,984
1960.....	2,706	95	2,801	20.2	56,515	24.3	13,733
1970.....	3,946	0	3,946	21.6	85,234	22.1	18,837
.3 2/....	4,061	0	4,061	22.5	91,373	43.0	39,290
1974.....	3,438	33	3,471	22.2	77,056	29.0	22,346
1975.....	3,369	77	3,446	21.8	75,123	37.0	27,796
1976.....	3,417	23	3,440	22.1	76,024	33.0	25,088
1977.....	2,664	0	2,664	23.2	61,805	37.1	22,930
1978.....	2,794	0	2,794	22.9	63,983	49.0	31,352
1979.....	2,921	0	2,921	23.5	68,644	47.0	32,263
1980.....	2,409	0	2,409	22.2	53,480	50.0	26,740
1981.....	2,901	0	2,901	22.5	65,273	41.0	26,762

1/ Includes home consumption, less than 1% of production. 2/ Record high turkeys raised.

Turkeys are important to the economy of Sanpete county

MINK

Unfortunately for Utah, USDA budget cuts have forced an end to the annual Mink Survey. Unless funds are found, either by the industry or by Congress, this will be the final report on the state's mink industry. Cooperation over the years, since the survey began in 1969, has been excellent. We are grateful for the voluntary support of the state's mink growers, and hope that we have been able to provide some service over the years.

The U.S. average price in 1980 was $35.30--down 14 percent from 1979 and a 3-year low. At this price, Utah pelts were worth $16.4 million, or 3.1 percent of all farm cash receipts.

Utah ranks second nationally in mink production--exceeded only by Wisconsin. Several color classes are produced in the state, with "Standard" the most important, followed by "Pastel". These two classes account for about two-thirds of the state's total. Demi-Buff, Pearl, Violet Type, and Sapphire account for most of the balance, with a few Pale Brown, Gunmetal, Platinum, Lavender-Hope, Pink, and White also produced.

Mink production in Utah is primarily in the north central counties of the state--from Cache on the north to Utah County on the south. The heaviest concentrations are in Salt Lake, Morgan, and Summit Counties. A few producers are scattered out of the main area--in the Uinta Basin and in central Utah.

Mink: Pelts Produced 1969-80 and Females Bred 1969-81, Utah and U.S.

Year	UTAH			UNITED STATES		
	Ranches Producing Pelts	Pelts Produced	Females Bred	Ranches Producing Pelts	Pelts Produced	Females Bred
		1,000	1,000		1,000	1,000
1969.....	343	439	135	2,794	5,688	1,364
1970.....	308	396	134	2,227	4,532	1,416
1971.....	261	340	108	1,615	3,380	1,011
1972.....	225	285	94.5	1,380	2,965	858
1973.....	218	283	100	1,329	3,037	902
1974.....	198	315	103	1,221	3,128	905
1975.....	186	308	99	1,081	3,067	870
1976.....	168	323	97.7	1,015	3,026	847
1977.....	185	359	113	1,040	3,076	887
1978.....	191	411	129	1,095	3,358	925
1979.....	190	413	141	1,105	3,394	978
1980.....	190	466	149	1,122	3,501	1,037
1981.....	--	--	152	--	--	1,074

HONEY

USDA budget cuts have made it necessary to discontinue the annual bee and honey survey. Unless funds are found from other sources, this will be the final report on the industry. We appreciate the cooperation and support of the state's beekeepers in supplying information over the years. We hope the information has been useful.

Honey production made some recovery in 1981, as yield per colony increased from 33 pounds to 37 pounds. National production was off again in 1981--down 7 percent from the low output of 1980. Prices rose in response to tight supplies. Utah honey brought a record 59.2 cents per pound, while the U.S. price was even higher at 63.2 cents.

Colony numbers, for the past several years, have remained fairly stable. The range, since 1971, has been between 43,000 and 48,000. In the longer run, colonies are well short of the 78,000 in 1936, and honey production is less than one-half the record high. In addition to the long term decline, there has been a trend away from hobby beekeepers with a few colonies, to more concentration in the hands of a few relatively large producers.

Honey & Beeswax: Number of Colonies, Production, Average Price and Value, Utah, Selected Years.

Year	Colonies of Bees	Honey				Beeswax		
		Production		Value		Production	Value	
		Per Colony	Total	Per Pound	Total		Per Pound	Total
	1,000 Colonies	Pounds	1,000 Pounds	Cents	1,000 Dollars	1,000 Pounds	Cents	1,000 Dollars
1936 1/	78	60	4,680	--	--	49	.36	18
1940...	53	45	2,385	3.6	86	47	.44	21
1950...	49	51	2,499	11.0	275	35	.42	15
1960...	52	34	1,768	15.6	276	79	.42	33
1970...	50	36	1,800	18.1	326	32	.53	17
1973...	43	27	1,161	49.1	570	17	.65	11
1974...	45	36	1,620	57.5	932	29	1.11	32
1975...	46	42	1,932	57.2	1,105	44	.88	39
1976...	47	29	1,363	50.2	684	20	.97	19
1977...	48	50	2,400	53.2	1,277	38	1.61	61
1978...	47	30	1,410	57.0	804	25	1.72	43
1979...	46	48	2,208	58.5	1,292	38	1.77	67
1980...	46	33	1,518	58.1	882	38	1.73	66
1981...	46	37	1,702	59.2	1,008	41	1.92	79

1/ Record high number of colonies of bees.

FARM LABOR

Last year was one of transition for the farm labor and wage rate program. For years, the survey had been conducted on a quarterly basis by the U.S. Department of Agriculture for the Department of Labor. In 1981, funding cuts put the whole program in jeopardy. When the dust had settled, January and April Surveys were conducted in 1981, and an agreement was reached to conduct a single annual survey in July of each year.

Utah has followed the national trend away from labor intensive crops. Vegetable acreage has declined sharply and sugar beet acreage has all but disappeared in the state. Fruits have held their own, but ways are being found to reduce labor in that industry. Innovations, such as drip irrigation systems and shaker harvesting of tart cherries, have helped bring down labor needs. Haying, which once required a sizable crew, is now largely a one-man operation. Even livestock handling has, with the addition of good pers, squeeze chutes, and tilt tables, become less of a labor user. Dairy operations, historically heavy labor users, are becoming larger and more efficient.

Wage rates held about steady in 1981, as the inflation rate began to moderate. The state's wage rates are a few cents per hour above the national average, and above the average of surrounding states. Average wage rates are influenced by the types of agriculture practiced in a state, as well as, the general economy of the state. Naturally, some types of farm labor require special skills and command a higher price than would a field worker or a herder. In California, for example, where farm operators compete with industry for workers and where a diverse agriculture requires many special skills, wages are generally high.

Bulk handling has reduced labor requirements

Farm Labor and Wage Rates, Utah, January and April, 1980 and 1981.

	January 6-12 1980	April 6-12 1980	January 11-17 1981	April 12-18 1981
Workers on Farms (000)				
Total	18.0	19.0	11.0	15.0
Family 1/	14.0	15.0	8.0	10.0
Hired 2/	4.0	4.0	3.0	5.0
Hours Worked per Worker				
Farm Operator 1/	26.5	40.8	32.2	36.7
Other Unpaid Family Members 1/	38.4	33.0	30.9	38.1
All Family 1/	27.5	38.4	31.9	37.1
Hired Workers 2/	34.9	28.2	39.4	37.4
Farm Wage Rates - Dollars per Hour				
By Piece Rate	3/	3/	3/	3/
By Other than Piece Rate	3.75	4.03	3.88	3.80
By Hour Only	3.56	4.00	3.99	4.12
By Cash Wages Only	4.00	4.10	3.97	3.91
By Hour Receiving Cash Wages Only	3.68	3.88	3.77	3.45
All Hired Farm Workers	3.76	4.13	3.90	3.80
Wage Rates by type of Work				
Field Workers	4.23	4.50	4.09	3.90
Livestock Workers	3.50	3.50	3.61	3.50

1/ Includes operators working one or more hours plus unpaid family members working 15 or more hours during the calendar week. 2/ All persons working one hour or more for cash wages during the survey week. 3/ Insufficient data for this category.

AGRICULTURAL PRICES

The raw price data collected by Crop Reporting Board enumerators are the basis for the series of average prices and the price indexes that play a key role in farm programs. In addition to providing a basis for determining deficiency payments, the estimates of prices received for various farm products are used to calculate an Index of Prices Received by Farmers, which provides a single indicator of the overall direction and pace of farm product prices.

The "bookkeeping lag"--the fact that data are not immediately available--makes it necessary to figure two series of prices received. A preliminary mid-month price is estimated for the current month. Since sales quantity information is not available, prices are weighted on historic sales information. At the same time, the total quantity purchased and total dollars received by growers during the previous month are obtained and used to revise the mid-month data of the previous month.

Prices for most commodities relate to the mid-month level for sales about the 13th to the 17th, when the data are collected. However, prices for a few commodities, such as milk and wool, relate to all sales during the month; and beginning in 1977, barley prices represent an average for sales during the entire month.

Monthly prices have been discontinued for several agricultural products produced in Utah, because the state accounts for a very small portion in comparison with the U.S. total. Only a season average price is now estimated for wheat, corn, oats, dry beans, potatoes, alfalfa seed, hogs, chickens, and eggs.

The price of cattle is critical to Utah agriculture

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
BARLEY (Dollars per Bushel) 1/												
1950	1.09	1.07	1.13	1.08	1.08	1.11	1.18	1.12	1.14	1.11	1.11	1.18
1960	1.02	1.00	1.00	1.00	1.00	1.02	.98	.98	.98	1.00	1.00	1.01
1970	1.10	1.10	1.09	1.04	1.03	1.05	1.01	.98	.99	1.04	1.07	1.12
1974	2.48	2.50	2.65	2.49	2.34	2.42	2.46	2.72	2.89	3.04	3.13	3.24
1975	3.04	2.74	2.50	2.59	2.70	2.56	2.60	2.58	2.61	2.56	2.48	2.40
1976	2.40	2.40	2.48	2.43	2.43	2.50	2.50	2.33	2.24	2.24	2.08	2.10
1977	2.11	2.19	2.20	2.24	2.25	2.12	1.90	1.69	1.69	1.68	1.82	1.95
1978	1.99	2.06	2.07	2.09	2.28	2.08	2.17	1.96	1.97	2.04	2.02	2.06
1979	2.06	2.08	2.05	2.10	2.03	2.14	2.19	2.16	2.30	2.36	2.49	2.53
1980	2.49	2.51	2.64	2.58	2.50	2.46	2.53	2.56	2.67	2.89	2.93	2.92
1981	3.15	3.26	3.18	3.25	3.23	3.08	2.63	2.49	2.65	2.64	2.67	2.51
ALFALFA HAY, BALED (Dollars per Ton) 2/												
1950	21.60	20.00	18.30	18.30	18.80	20.00	22.00	22.50	22.50	22.90	22.90	24.00
1960	27.00	27.50	26.50	26.50	26.70	26.70	26.40	26.40	27.00	27.00	28.00	28.50
1970	25.50	26.00	26.00	25.50	25.50	25.50	24.00	24.00	24.50	24.50	25.50	25.50
1974	45.00	45.00	46.00	46.50	46.00	45.00	45.50	46.50	47.50	48.00	49.00	49.50
1975	48.50	48.50	48.00	48.50	55.50	60.00	52.00	50.50	51.00	51.50	51.00	51.50
1976	52.00	53.00	54.50	55.00	56.50	53.50	53.00	53.00	54.50	53.50	54.00	56.00
1977	56.00	57.00	59.50	61.00	65.50	66.50	63.50	61.00	56.50	54.50	56.00	55.50
1978	56.00	54.50	54.00	50.50	50.50	49.00	47.50	46.50	45.00	46.00	46.50	48.00
1979	50.00	50.50	52.00	52.00	52.50	53.00	52.50	51.50	51.50	53.50	60.00	69.00
1980	64.00	63.50	71.00	69.00	60.50	71.50	73.50	69.50	70.00	75.00	74.00	76.00
1981	74.50	73.50	72.00	71.00	70.00	67.00	65.00	60.00	61.00	61.00	65.00	65.00
ALL HAY, BALED (Dollars per Ton) 2/												
1950	21.10	19.20	17.50	17.50	18.30	19.00	21.00	21.50	21.50	22.50	22.50	23.50
1960	26.20	26.80	25.70	25.70	25.70	26.00	25.50	25.60	26.40	26.50	27.40	27.80
1970	25.00	25.50	25.50	25.00	25.00	25.00	23.50	23.40	23.80	23.90	24.90	24.90
1974	45.00	44.50	45.00	46.00	45.50	44.50	45.00	46.00	46.50	47.50	48.50	48.50
1975	47.50	48.00	47.00	48.00	55.00	59.50	51.50	50.00	50.50	51.00	50.00	50.50
1976	51.00	52.50	54.00	54.00	55.50	52.50	52.00	52.00	53.50	52.50	53.00	55.00
1977	55.00	56.00	58.50	60.00	64.00	65.00	62.50	60.00	55.50	53.50	55.00	54.50
1978	55.00	54.00	53.00	50.00	50.00	48.50	46.50	45.50	44.00	45.00	45.50	46.50
1979	49.00	49.50	51.00	51.00	51.50	52.00	51.00	50.50	51.00	52.50	64.00	67.00
1980	62.50	62.00	63.00	65.00	60.00	69.50	71.50	67.50	67.00	73.00	72.00	72.00
1981	72.00	72.00	67.00	67.00	67.00	64.00	62.00	59.00	57.00	56.00	61.00	62.00

1/ Average price relates to mid-month average through 1976. Starting in 1977, it represents an average for the entire month. 2/ Mid-month average price.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						COWS (Dollars per Cwt.) 1/						
1950						Not Available						
1960	14.00	14.70	16.00	15.70	16.00	14.60	13.10	13.30	13.50	13.10	12.90	13.70
1970	20.00	21.50	22.50	21.80	21.30	20.90	20.70	20.10	19.90	18.40	17.70	18.10
1974	31.40	32.60	31.50	30.20	27.90	23.00	21.70	23.20	20.60	18.50	16.30	16.50
1975	16.50	19.00	19.10	20.40	20.90	22.30	21.10	19.40	20.70	20.10	18.80	20.20
1976	21.40	24.80	27.20	28.70	28.80	27.40	26.20	25.80	23.60	22.90	20.00	19.70
1977	20.60	22.90	23.70	25.90	24.80	26.00	25.60	26.00	26.30	26.20	24.80	25.90
1978	27.80	31.00	32.60	34.90	37.60	34.80	37.10	34.90	37.30	38.40	37.80	39.80
1979	46.20	49.70	52.90	53.90	52.10	46.60	45.50	44.40	46.80	44.90	44.10	45.00
1980	44.10	46.10	44.90	43.60	40.00	41.60	42.10	43.80	44.80	45.30	42.20	40.90
1981	41.20	43.20	42.50	42.70	40.40	40.90	41.20	41.90	40.60	37.00	34.70	34.30
						STEERS & HEIFERS (Dollars per Cwt.) 1/						
1950						Not Available						
1960	20.50	21.10	22.30	22.40	22.70	21.30	20.60	19.70	19.70	18.80	18.80	20.30
1970	27.50	28.70	31.50	28.80	29.00	29.00	28.50	26.80	26.90	26.70	26.90	25.80
1974	45.90	46.00	41.10	40.50	38.10	34.00	35.40	35.00	30.50	28.70	26.90	27.20
1975	25.40	25.30	26.40	30.80	34.00	35.00	35.20	31.50	31.40	31.00	30.30	31.90
1976	32.80	34.40	34.40	39.00	38.70	37.40	34.20	32.50	33.50	31.60	32.70	33.00
1977	32.60	33.00	34.00	35.60	36.50	36.60	38.00	36.90	37.10	38.50	37.80	38.70
1978	40.00	43.10	47.20	49.00	53.60	52.80	51.70	52.10	55.70	56.40	55.50	59.60
1979	64.30	68.20	76.40	79.40	75.90	68.50	66.80	61.10	70.30	68.00	69.20	68.60
1980	70.10	70.60	68.10	62.60	61.70	63.00	65.20	65.30	64.70	64.90	63.70	62.70
1981	63.80	62.10	60.00	61.20	59.50	63.30	59.50	59.20	59.40	56.60	56.30	53.50
						BEEF CATTLE (Dollars per Cwt.) 1/						
1950	20.00	20.00	20.50	21.50	23.00	23.00	23.50	24.00	24.00	24.30	25.30	26.20
1960	18.10	18.90	20.40	20.30	20.50	18.70	17.50	17.20	17.50	17.20	16.90	18.00
1970	25.20	26.30	28.70	26.70	26.70	26.70	25.90	24.60	24.70	24.40	24.60	23.70
1974	41.80	42.00	38.30	37.60	34.60	30.20	30.30	30.60	26.90	25.30	23.70	23.90
1975	22.60	23.20	24.00	27.50	29.50	30.60	30.10	27.10	27.70	27.40	26.70	28.20
1976	29.20	30.90	31.90	35.50	34.30	32.20	28.80	27.90	28.00	27.20	26.20	27.00
1977	28.00	29.60	30.50	32.40	32.20	32.40	34.30	34.30	34.80	35.70	33.90	34.60
1978	36.00	39.70	44.00	45.60	50.20	49.00	49.10	49.90	52.80	53.00	52.70	55.00
1979	60.10	63.80	71.00	73.30	71.10	65.20	62.50	57.90	65.60	63.80	63.70	62.90
1980	64.10	65.00	63.20	58.60	57.10	59.40	60.10	60.80	60.50	60.80	57.50	55.90
1981	55.70	55.40	54.20	57.10	52.90	54.90	51.90	52.40	53.10	48.60	49.90	43.50

1/ Mid-month average price through 1979. Prices after 1979 are revised full month prices.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
CALVES (Dollars per Cwt.) 1/												
1950	23.00	24.00	24.80	25.50	26.50	26.00	27.00	27.00	27.50	28.00	29.00	29.50
1960	24.00	25.00	25.20	25.80	26.00	23.50	22.00	20.50	21.30	22.50	22.30	23.50
1970	35.00	37.20	38.00	34.50	34.40	34.90	33.00	31.00	31.70	33.00	32.60	33.30
1974	54.70	54.90	51.10	46.50	42.70	37.20	35.10	33.80	29.60	27.70	26.30	24.20
1975	23.30	23.30	23.90	27.40	27.70	30.00	26.00	23.30	26.00	26.40	29.40	31.00
1976	32.00	34.80	36.00	39.50	40.60	41.40	36.00	33.50	32.10	34.00	34.30	33.50
1977	31.90	35.20	34.80	37.40	35.20	36.40	36.40	36.50	38.80	41.30	39.40	40.60
1978	44.00	46.20	49.80	53.10	58.40	56.80	56.70	60.30	64.30	70.60	68.30	70.40
1979	80.10	85.10	96.40	95.50	90.90	91.20	81.70	86.00	85.30	85.50	89.60	83.90
1980	82.00	85.50	83.30	72.60	72.20	77.20	77.70	75.10	72.70	75.70	71.50	73.20
1981	71.30	70.50	67.70	69.80	65.20	67.00	60.10	62.00	61.70	59.80	58.30	58.70
MILK COWS (Dollars per Head) 2/												
1950	200	200	200	200	205	210	210	210	215	225	225	230
1960	220	220	220	225	225	235	225	225	215	205	205	215
1970	320	320	330	330	330	330	325	315	310	320	340	320
1974	550	545	555	570	520	480	485	495	450	415	410	420
1975	400	385	400	370	390	390	400	390	400	410	430	460
1976	455	455	485	490	505	505	480	510	480	480	495	500
1977	480	480	490	490	490	460	480	500	510	495	525	500
1978	510	520	545	565	615	660	670	690	725	745	770	805
1979	850	890	1010	1090	1090	1050	1080	1060	1050	1090	1090	1100
1980	1160	1190	1220	1220	1200	1200	1190	1210	1210	1220	1220	1220
1981	1250	1250	1240	1210	1200	1190	1190	1180	1180	1180	1160	1160
TURKEYS (Cents per Pound) 2/												
1950	27.0	27.0	27.0	19.5	21.0	22.0	25.0	36.0	27.0	27.0	27.0	30.0
1960	30.0	28.0	27.0	28.0	25.0	21.0	22.0	23.0	23.0	24.0	26.0	26.0
1970	24.0	27.0	24.0	--	26.0	25.0	22.0	22.0	22.0	22.0	21.0	22.0
1974	32.0	32.0	--	27.0	25.0	23.0	25.0	28.0	28.0	29.0	34.0	35.0
1975	34.0	32.0	29.0	--	32.0	34.0	35.0	36.0	38.0	39.0	39.0	38.0
1976	35.0	34.0	--	--	36.0	32.0	33.0	33.0	32.0	32.0	32.0	35.0
1977	35.0	34.0	37.0	36.0	33.0	34.0	35.0	34.0	35.0	39.0	40.0	41.0
1978	--	--	--	--	42.0	41.0	47.0	49.0	45.0	50.0	52.0	54.0
1979	--	--	--	--	44.0	45.0	41.0	43.0	49.0	46.0	51.0	51.0
1980	--	--	--	36.0	37.0	38.0	44.0	47.0	52.0	56.0	56.0	49.0
1981	--	--	--	47.0	44.0	46.0	48.0	45.0	41.0	35.0	40.0	35.0

1/ Mid-month average price through 1979. Prices after 1979 are revised full month prices. 2/ Mid-month average price.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						MILK, ALL (Dollars per Cwt.) 1/						
1950	4.00	3.90	3.65	3.50	3.30	3.30	3.35	3.60	3.75	4.00	4.15	4.15
1960	4.25	4.15	4.05	3.95	3.85	3.80	3.80	3.95	4.20	4.25	4.35	4.40
1970	5.70	5.55	5.40	5.45	5.35	5.20	5.20	5.30	5.55	5.65	5.80	5.80
1974	9.05	9.10	9.10	8.85	8.05	7.50	7.45	7.55	7.60	7.85	8.05	7.65
1975	8.25	8.10	8.05	8.05	7.95	7.85	8.05	8.30	8.75	9.20	9.40	10.40
1976	9.90	9.55	9.70	9.25	9.25	9.05	9.20	9.45	9.40	9.60	9.60	9.50
1977	9.35	9.15	9.20	9.20	9.10	9.20	9.15	9.20	9.55	9.65	9.75	9.85
1978	9.90	9.90	9.85	9.85	9.85	9.85	9.80	10.20	10.40	10.90	11.30	11.60
1979	11.60	11.80	11.50	11.40	11.30	11.30	11.30	11.60	11.90	12.20	12.60	12.40
1980	12.40	12.30	12.30	12.20	12.10	12.20	12.00	12.10	12.70	13.00	13.30	13.50
1981	13.40	13.40	13.20	13.00	12.90	12.70	12.70	12.80	13.00	13.40	13.40	13.60
						MILK, FLUID (Dollars per Cwt.) 1/						
1950	4.90	4.85	4.55	4.25	4.15	4.15	4.20	4.60	4.80	5.05	5.15	5.20
1960	4.75	4.70	4.60	4.50	4.35	4.30	4.30	4.45	4.70	4.75	4.85	4.85
1970	6.10	5.90	5.75	5.90	5.75	5.60	5.60	5.70	5.95	6.05	6.25	6.25
1974	9.25	9.25	9.30	9.10	8.40	7.75	7.70	7.80	7.75	8.05	8.35	7.80
1975	8.55	8.30	8.20	8.20	8.05	7.95	8.10	8.40	8.85	9.30	9.50	10.80
1976	10.20	9.85	9.95	9.40	9.40	9.10	9.25	9.55	9.55	9.80	9.85	9.65
1977	9.50	9.30	9.30	9.30	9.20	9.30	9.30	9.40	9.75	9.85	10.00	10.00
1978	10.10	10.10	10.00	10.00	10.00	10.00	9.90	10.30	10.50	11.10	11.50	11.80
1979	11.80	12.00	11.60	11.50	11.30	11.30	11.30	11.70	12.00	12.40	12.80	12.70
1980	12.70	12.50	12.50	12.40	12.30	12.40	12.20	12.40	12.90	13.30	13.60	13.90
1981	13.80	13.80	13.60	13.40	13.20	13.00	13.00	13.10	13.20	13.60	13.60	13.80
						MILK, MFG. (Dollars per Cwt.) 1/						
1950	3.25	3.15	3.00	2.90	2.75	2.75	2.75	2.85	2.90	3.05	3.15	3.25
1960	3.25	3.15	3.05	3.00	2.95	2.90	2.85	2.95	3.10	3.20	3.25	3.35
1970	4.70	4.65	4.60	4.50	4.45	4.40	4.35	4.40	4.55	4.65	4.75	4.80
1974	8.50	8.65	8.65	8.15	7.15	6.85	6.85	6.80	7.20	7.35	7.25	7.20
1975	7.40	7.45	7.65	7.65	7.75	7.65	7.85	8.05	8.40	8.90	9.05	9.30
1976	9.00	8.80	8.95	8.90	8.90	8.85	9.05	9.15	9.00	9.00	8.85	9.00
1977	8.85	8.70	8.90	8.85	8.80	8.75	8.65	8.70	8.90	9.05	9.15	9.40
1978	9.40	9.40	9.45	9.50	9.45	9.50	9.55	9.85	10.10	10.40	10.70	10.90
1979	11.00	11.20	11.20	11.30	11.20	11.20	11.20	11.40	11.50	11.70	12.00	11.80
1980	11.80	11.70	11.70	11.70	11.60	11.70	11.40	11.50	12.20	12.40	12.50	12.60
1981	12.50	12.50	12.30	12.30	12.20	12.20	12.10	12.30	12.70	13.00	13.00	13.10

1/ Average for the month.

Average Prices Received by Farmers, Utah, Selected Years.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						SHEEP (Dollars per Cwt.) 1/						
1950	8.60	8.60	9.50	9.50	9.00	8.50	9.00	9.00	11.00	11.50	12.00	12.50
1960	6.50	7.00	7.00	7.00	6.50	6.50	5.50	5.00	4.50	4.80	4.50	5.00
1970	7.60	7.60	7.70	8.20	7.50	8.30	8.50	8.00	7.50	6.50	6.00	6.00
1974	14.40	17.20	13.10	14.20	12.50	10.20	10.60	12.60	10.80	8.50	10.10	10.30
1975	9.30	8.50	10.80	11.00	11.80	9.60	9.60	10.70	10.20	9.80	9.40	10.30
1976	10.30	11.50	10.50	11.90	13.10	11.60	10.70	11.30	11.00	9.90	10.20	9.80
1977	11.00	10.10	10.50	10.00	10.30	10.00	10.30	10.20	11.00	11.00	12.90	11.50
1978	11.60	13.80	16.40	15.40	14.80	14.30	14.90	15.70	16.00	17.70	18.10	18.20
1979	19.60	19.40	20.90	23.50	21.60	18.90	16.80	17.80	19.50	16.90	15.70	17.50
1980	17.80	16.40	21.90	16.90	14.60	15.50	16.60	16.30	15.90	14.90	15.10	14.40
1981	20.00	21.20	22.60	18.40	15.80	19.20	17.00	16.20	15.20	16.90	18.40	14.20
						LAMBS (Dollars per Cwt.) 1/						
1950	21.30	22.00	22.40	23.00	23.30	24.00	24.00	[illegible].00	25.50	25.50	26.70	27.00
1960	17.80	18.30	20.00	20.00	20.00	19.50	17.80	16.70	16.10	15.20	15.20	16.20
1970	28.00	27.50	27.00	26.00	25.50	26.00	26.00	26.20	25.80	25.00	23.30	21.50
1974	37.90	38.30	34.20	34.60	37.80	38.20	36.10	35.30	31.10	32.30	33.90	34.70
1975	32.70	35.70	36.90	39.10	40.50	43.40	42.70	39.70	40.20	41.80	44.80	45.40
1976	46.40	45.90	46.10	49.20	52.70	49.60	45.50	41.60	42.00	43.70	41.00	41.70
1977	44.80	45.80	45.80	45.30	46.60	49.90	50.00	49.70	50.60	51.80	49.50	53.90
1978	57.70	58.70	61.00	59.10	59.10	59.10	56.40	57.00	62.20	61.00	59.60	60.60
1979	64.20	65.40	61.50	63.10	63.50	61.40	59.90	57.30	67.40	65.50	63.70	62.40
1980	63.20	59.10	60.70	55.00	51.60	63.10	64.10	63.00	66.20	66.60	56.80	53.80
1981	50.00	54.20	57.10	58.00	60.10	63.00	61.10	52.30	48.30	46.90	41.20	46.00
						WOOL (Cents per Pound) 2/						
1950	51	51	54	54	54	57	59	61	63	66	72	80
1960	44	47	42	44	44	44	39	40	36	35	37	37
1970	40	35	36	36	34	37	36	33	35	32	29	26
1974	105	76	58	66	61	59	66	60	59	52	44	39
1975	42	39	36	40	45	43	47	45	51	56	55	45
1976	--	68	59	66	63	64	67	68	--	62	68	66
1977	74	69	68	66	63	63	59	65	56	59	64	67
1978	61	63	67	72	69	69	69	71	67	71	76	71
1979	71	71	79	87	87	90	86	90	86	88	88	93
1980	--	84	98	90	80	83	87	98	98	93	94	96
1981	84	94	96	94	92	91	92	91	94	94	86	90

1/ Mid-month average price through 1979. Prices after 1979 are revised full month prices. 2/ Average for the month.

COUNTY ESTIMATES

A major shortfall of our agricultural statistics program has been the lack of information at the county level. Federal funding is provided for state and national estimates, but for smaller geographic areas, funds must come from sources within the state. Utah is about the only remaining state where some county estimates program is not provided.

Until 1980, the only source of county figures has been the five-year Census of Agriculture. Naturally, the problem with the census is its timeliness. The information is usually two years old before it is published and is seven years old before the next publication. If the census happened to be taken in a particularly good or particularly bad year, the levels may not be a good indication of inter-census years. The census also fails to keep up with changes that are occurring in agriculture. Since the 1974 Census was taken, we have passed through at least two hog cycles, a major cattle cycle, and sugarbeet acreage has dropped to nearly zero in the state.

For some time, the Crop and Livestock Reporting Service has made county estimates of wheat, corn and barley for use in some special federal programs. On our own, we have added estimates for cattle, dairy cows, and alfalfa hay. We have been reluctant to publish these data, since they are based on very small samples and are not as reliable as we would like. However, since we have made the estimates available to an increasing number of people on a request basis, we felt it only fair to publish them for the use of everyone.

In the long run, we hope to improve the estimates we are now making and to expand our program into other areas. The success or failure of our plans will depend largely on the support we can find within the state. If you think the program should be expanded and improved, write your state legislator, your farm organization, the State Department of Agriculture, or the Crop and Livestock Reporting Service and let your feelings be known.

Large bales save labor costs

All Wheat County Estimates - 1981.

County	Acres Planted	Acres Harvested For Grain	Yield Per Harvested Acre	Production
			Bushel	Bushel
Box Elder.....	106,900	98,900	37.7	3,733,900
Cache.....	29,800	28,300	41.0	1,161,600
Davis.....	6,600	6,100	63.9	390,000
Morgan.....	600	600	46.3	27,800
Rich.....	5,200	4,800	26.7	128,200
Salt Lake.....	10,900	9,900	33.0	327,300
Tooele.....	3,200	2,900	19.8	57,600
Weber.....	1,600	1,500	69.2	103,800
Juab.....	16,100	13,800	24.0	331,400
Millard.....	24,100	21,300	35.0	746,000
Sanpete.....	3,700	3,300	47.1	155,600
Sevier.....	500	500	66.4	33,200
Utah.....	19,000	17,800	26.7	475,500
Carbon.....	600	600	61.6	37,000
Daggett.....	*	*	*	*
Duchesne.....	900	800	49.0	39,200
Emery.....	1,100	900	49.4	44,500
Grand.....	*	*	*	*
San Juan.....	42,700	37,700	20.3	767,800
Summit.....	700	500	45.0	22,500
Uintah.....	1,300	1,200	40.8	49,000
Wasatch.....	*	*	*	*
Beaver.....	500	400	56.2	22,500
Garfield.....	600	500	52.8	26,400
Iron.....	1,300	1,100	44.7	49,200
Kane.....	*	*	*	*
Piute.....	*	*	*	*
Washington.....	3,300	2,900	33.0	95,800
Wayne.....	*	*	*	*
Other Counties....	800	700	43.1	30,200
State.....	282,000	257,000	34.4	8,856,000

*Less than 500 acres planted.

Barley County Estimates - 1981.

County	Planted Acres	Harvested Acres	Yield Per Harvested Acre	Production
			Bushel	Bushel
Box Elder.....	29,200	25,400	66.7	1,693,000
Cache.....	30,300	27,200	61.5	1,671,600
Davis.....	3,100	2,800	62.9	176,000
Morgan.....	1,300	1,100	67.7	74,500
Rich.....	3,300	3,000	50.2	150,600
Salt Lake.....	4,000	3,800	72.2	274,500
Tooele.....	3,100	3,000	52.4	157,300
Weber.....	3,400	3,200	61.9	198,200
Juab.....	3,500	3,100	64.7	200,500
Millard.....	21,700	20,100	70.1	1,408,800
Sanpete.....	8,800	8,200	51.0	418,400
Sevier.....	9,400	9,000	79.3	713,700
Utah.....	18,200	17,100	75.1	1,285,000
Carbon.....	*	*	*	*
Daggett.....	*	*	*	*
Duchesne.....	2,800	2,500	58.8	147,000
Emery.....	900	800	51.9	41,500
Grand.....	*	*	*	*
San Juan.....	*	*	*	*
Summit.....	800	700	68.4	47,900
Uintah.....	1,500	1,400	72.6	101,600
Wasatch.....	1,800	1,700	69.5	118,100
Beaver.....	1,400	1,200	53.0	63,600
Garfield.....	500	400	55.0	22,000
Iron.....	8,500	7,500	64.1	480,500
Kane.....	*	*	*	*
Piute.....	600	500	65.0	32,500
Washington.....	2,200	2,000	63.0	126,000
Wayne.....	2,400	2,000	77.0	154,000
Other Counties....	1,300	1,300	59.4	77,200
State.....	164,000	149,000	66.0	9,834,000

*Less than 500 acres planted.

Corn for Grain - 1981.

County	Acres Planted	Acres Harvested For Grain	Yield Per Harvested Acre	Production
			Bushel	Bushel
Box Elder.....	4,700	4,300	115.0	494,500
Cache.....	*	*	*	*
Davis.....	600	500	110.0	55,000
Morgan.....	*	*	*	*
Rich.....	*	*	*	*
Salt Lake.....	*	*	*	*
Tooele.....	*	*	*	*
Weber.....	600	400	100.0	40,000
Juab.....	*	*	*	*
Millard.....	1,600	1,400	113.0	158,200
Sanpete.....	*	*	*	*
Sevier.....	500	300	116.0	34,800
Utah.....	4,900	4,500	115.0	517,500
Carbon.....	*	*	*	*
Daggett.....	*	*	*	*
Duchesne.....	1,100	900	92.0	82,800
Emery.....	500	400	100.0	40,000
Grand.....	*	*	*	*
San Juan.....	*	*	*	*
Summit.....	*	*	*	*
Uintah.....	1,200	1,000	88.0	88,000
Wasatch.....	*	*	*	*
Beaver.....	*	*	*	*
Garfield.....	*	*	*	*
Iron.....	*	*	*	*
Kane.....	*	*	*	*
Piute.....	*	*	*	*
Washington.....	*	*	*	*
Wayne.....	*	*	*	*
Other Counties...	2,300	1,300	107.1	139,200
State.....	18,000	15,000	110.0	1,650,000

*Less than 500 acres planted.

Corn for Silage - 1981.

County	Acres Harvested For Silage	Yield Per Acre	Production
		Tons	Tons
Box Elder	10,800	20.0	216,000
Cache	9,300	21.0	195,300
Davis	3,900	20.0	78,000
Morgan	*	*	*
Rich	*	*	*
Salt Lake	600	18.0	10,800
Tooele	*	*	*
Weber	6,300	20.0	126,000
Juab	700	18.0	12,600
Millard	3,900	21.0	81,900
Sanpete	4,000	16.0	64,000
Sevier	5,900	20.0	118,000
Utah	11,000	20.0	220,000
Carbon	700	19.0	13,300
Daggett	*	*	*
Duchesne	3,500	18.0	63,000
Emery	900	16.0	14,400
Grand	*	*	*
San Juan	*	*	*
Summit	*	*	*
Uintah	3,400	17.0	57,800
Wasatch	*	*	*
Beaver	1,600	18.0	28,800
Garfield	*	*	*
Iron	1,400	20.0	28,000
Kane	*	*	*
Piute	500	15.0	7,500
Washington	*	*	*
Wayne	*	*	*
Other Counties	1,600	18.5	29,600
State	70,000	19.5	1,365,000

*Less than 500 acres harvested.

Alfalfa Hay County Estimates - 1981 1/.

County	Acres Harvested	Yield Per Acre	Production
		Tons	Tons
Box Elder	44,000	4.14	182,200
Cache	51,800	4.00	207,200
Davis	7,500	4.48	33,600
Morgan	6,500	3.05	19,800
Rich	9,100	2.88	26,200
Salt Lake	9,400	4.40	41,400
Tooele	14,800	3.97	58,800
Weber	12,600	4.31	54,300
Juab	11,400	3.68	41,900
Millard	49,500	4.49	222,500
Sanpete	31,500	4.33	136,400
Sevier	20,100	4.78	96,100
Utah	27,500	4.90	134,800
Carbon	5,700	3.75	21,400
Daggett	1,700	2.53	4,300
Duchesne	26,000	3.35	87,100
Emery	12,800	3.58	45,800
Grand	2,000	4.15	8,300
San Juan	4,300	3.79	16,300
Summit	11,000	3.06	33,700
Uintah	23,500	3.44	80,800
Wasatch	8,600	3.87	33,300
Beaver	20,200	4.70	94,900
Garfield	9,500	3.51	33,300
Iron	32,600	4.60	150,000
Kane	2,300	3.70	8,500
Piute	6,700	3.64	24,400
Washington	4,300	4.91	21,100
Wayne	8,100	3.65	29,600
State	475,000	4.10	1,948,000

1/ Not an official USDA estimate. Derived by factoring State totals back to counties using 1978 Census percents with consideration given to reports from County Agents.

Cattle County Estimates, January 1, 1982 1/.

County	Beef Cows	Milk Cows	All Cows	All Cattle
	Number	Number	Number	Number
Box Elder	34,800	10,800	45,600	102,000
Cache	9,000	22,000	31,000	65,000
Davis	8,400	2,500	10,900	25,200
Morgan	3,200	1,400	4,600	9,300
Rich	24,500	2/	3/24,500	43,500
Salt Lake	5,300	2,600	7,900	16,500
Tooele	12,000	2/	3/12,000	20,000
Weber	6,600	7,500	14,100	33,600
Juab	8,800	2/	3/8,800	16,000
Millard	31,800	4,200	36,000	85,000
Sanpete	19,000	6,500	25,500	45,000
Sevier	17,000	2,600	19,600	56,700
Utah	21,000	9,000	30,000	65,000
Carbon	7,300	2/	3/7,300	12,500
Daggett	2,500	2/	3/2,500	4,800
Duchesne	27,800	3,400	31,200	50,100
Emery	13,500	600	14,100	26,000
Grand	3,900	2/	3/3,900	8,500
San Juan	16,700	2/	3/16,700	29,700
Summit	5,200	2,600	7,800	13,900
Uintah	23,000	800	23,800	46,000
Wasatch	2,500	2,500	5,000	11,000
Beaver	10,200	3,900	14,100	29,000
Garfield	10,500	2/	3/10,500	19,300
Iron	10,000	500	10,500	23,000
Kane	7,000	2/	3/7,000	12,500
Piute	4,400	1,000	5,400	11,500
Washington	10,000	2/	3/10,000	22,000
Wayne	8,100	600	8,700	17,400
Counties with less than 500 milk cows		1,000	1,000	
State	364,000	86,000	450,000	920,000

1/ Not an official USDA estimate. Derived by factoring State totals back to counties using 1978 Census percents with consideration given to reports from County Agents. 2/ Included in total of counties with less than 500 milk cows. 3/ Milk cows excluded from County total, but included in total of counties with less than 500 milk cows.

WEATHER

Weather conditions in Utah during the calendar year of 1981 were extremely variable, apparently continuing the pattern of high variability set during the decade of the 70's.

Precipitation Pattern

January and February precipitation accumulations were much below normal in all areas of the state. When these accumulations were combined with those reported during the last three months of the previous year, it appeared that most of the state was entering another serious drought. March, however, reversed the pattern and accumulated much above normal moisture in all areas of the state. Precipitation conditions during April were again variable, with below normal accumulations in all except the Western and Dixie Divisions of the state. A very wet regime, with much above normal accumulations, dominated the state during the month of May. This excess moisture delayed planting of crops, but did supply adequate soil moisture to support early hay and some grains of dryland fields.

The summer moisture pattern was quite dry over most of the state, with below normal accumulations during all months. The exception was a few isolated areas where local thunderstorms were heavy. September moisture accumulations were again above normal, which combined with near record accumulations during the month of October, to create havoc with late harvests. The excessive October rainfall got the water year off to a very wet start and began recovery of the seriously depleted soil moisture reservoir. The last two months of the year, however, again dropped below normal in most areas of the state.

Temperature Pattern

The temperature pattern was about as variable as the precipitation. Temperatures during the first four months of the year averaged much above normal over most of the state. Winter temperatures in the Uinta Basin were near record high for the period: Temperatures dropped to much below normal during May. The cold, wet conditions during May not only delayed planting of most spring crops and gardens, but also retarded development of those which had been planted.

Temperatures during the remainder of the growing season continued well above normal in all areas of the state. In fact, the summer temperatures, in some valleys, were too warm for the maximum rate of development of many field and fruit crops. October temperatures dropped to much below normal, as cloudiness and precipitation reduced the available solar energy, but the last two months of the year again were warmer than normal.

In spite of the warm, dry summer in many of Utah's major agricultural areas, crops grown where adequate reservoir storage was available did not suffer appreciably for moisture. Areas dependent upon streamflow alone, however, did undergo rather serious moisture stress during the latter part of the growing season and crop production was reduced.

Cache Valley was unique in that the accumulation of growing hours, to support growth of warm temperature crops, was below normal during the major part of the growing season; and as a result tomatoes, peppers, and melons produced only a minimal harvest.

E. Arlo Richardson, State Department of Agriculture Climatologist.

Frost Free Period, Utah, 1981 and Normal (1931-60).

Station	1981			Normal		
	Last Spring Minimum of 32° or Below	First Fall Minimum of 32° or Below	Number of Days Between Dates	Last Spring Minimum of 32° or Below	First Fall Minimum of 32° or Below	Number of Days Between Dates
WESTERN						
Delta	6-15	10-9	116	5-11	9-30	142
Milford	6-15	10-9	116	5-18	9-26	131
Modena	5-20			5-21	9-28	130
Park Valley	6-13	9-26	105	5-19	9-29	133
Wendover	5-7	10-23	169	4-21	10-23	186
DIXIE						
St. George	4-12	10-15	186	4-1	11-10	223
Zion Nat'l Park	4-1	10-30	212	4-6	11-7	215
NORTH CENTRAL						
Corinne	5-13	9-26	136	5-14	9-28	138
Elberta	5-13	10-9	149	5-14	9-30	140
Farmington USU	4-8	10-22	197	5-4	10-12	161
Logan USU	4-8	10-14	189	5-8	10-13	159
Ogden Pioneer PH	4-5	10-16	194	5-1	10-14	167
SLC Airport	4-8	10-31	206	5-3	10-11	161
Tooele	4-9	10-14	188	4-28	10-24	179
Trenton	6-14	9-26	104	5-31	9-12	104
Utah Lake Lehi	5-13	10-17	157	5-18	9-28	134
SOUTH CENTRAL						
Cedar City FAA	5-7	10-9	155	5-17	9-30	136
Fillmore	5-13	10-13	153	5-4	10-11	160
Kanab PH	4-7	10-14	190	5-6	10-13	160
Levan	5-13	10-9	149	5-16	10-3	140
Loa	6-16	9-27	132	6-22	8-29	68
Manti	6-15	10-9	116	5-24	9-28	128
Nephi	5-13	10-9	149	5-11	10-2	145
Panguitch	6-16	9-26	102	6-19	9-3	76
Richfield KSVC	6-16			5-28	9-18	113
NORTHERN MOUNTAINS						
Coalville	6-16	9-1	77	6-16	8-29	74
Heber	6-16	9-26	102	6-11	9-3	84
Morgan	6-16	9-26	102	6-5	9-8	96
Olmstead PH	5-7	10-14	160	5-23	9-30	130
Scofield	6-18	8-5	48	6-29	8-25	57
Silver Lake Brighton	6-18	9-11	85	7-5	8-27	53
Woodruff	6-16	7-15	29	6-27	8-23	57
UINTA BASIN						
Duchesne AP	5-17	10-5	141	5-28	9-20	115
Fort Duchesne	5-13	10-2	142	5-26	9-16	114
Roosevelt	5-7	10-14	160	5-29	9-15	110
SOUTHEAST						
Blanding	5-21	10-14	146	5-15	10-6	144
Ferron	5-14	10-9	148	5-15	10-6	144
Green River Avn.	5-9	10-20	164	5-1	10-10	163
Hanksville FAA	5-21	10-17	149	4-22	10-20	182
Moab 4 NW	4-6	10-26	203	4-21	10-21	183
Price Warehouse	5-8	10-11	156	5-12	10-5	147

Source: Utah State Department of Agriculture Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.

Mean Monthly Temperature (°F), Utah, 1981.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	29.0	35.4	41.1	52.7	55.6	69.1	76.1	73.6	65.6	48.1	42.0	31.2	51.6
Milford WSO	29.9	34.7	38.8	50.4	54.7	69.1	76.0	72.5	64.8	46.4	40.3	33.3	50.9
Modena	31.7	*33.6	40.0	51.3	*55.9	69.4	74.5	71.5				35.6	
Park Valley	26.5	30.4	38.5	*46.4	51.3	62.7	71.7	72.6	*63.8	44.8	38.7	*30.7	48.2
Wendover	29.7	34.9	45.2	*54.7	*60.0	*74.4	81.2	81.1	*68.1	*51.3	42.2	*33.6	60.4
#Division	29.3	34.9	41.0	51.0	56.1	68.9	76.2	74.9	65.8	48.1	41.6	30.0	51.5
DIXIE													
St. George		*46.7	*50.1	*60.1		*83.4	87.3	85.2	*77.8		*53.1	*43.3	
Zion Nat'l Park	46.3	46.6	49.2	61.9	66.3	80.7	84.9	82.7	75.7	*59.5	55.1	45.7	67.1
#Division	44.3	46.4	48.5	60.3	64.7	79.5	83.8	81.7	74.0	57.6	52.5	44.2	61.4
NORTH CENTRAL													
Corinne	29.0	33.6	42.5	51.7	56.3	67.2	74.0	73.7	63.9	47.0	39.6	32.2	50.9
Elberta	30.0	36.1	40.8	52.2	56.3	69.7	77.2	74.7	67.0	49.4	42.6	34.5	52.5
Farmington USU	30.0	37.2	43.6	54.1	57.5		*77.9	*77.0	67.9	50.2	43.8	36.0	
Logan USU	27.2	29.7	41.1	49.7	53.8	63.4	72.3	73.9	63.8	47.0	39.8	32.7	49.5
Ogden Pioneer PH	29.9	36.5	43.5	*54.7	56.4	69.1	77.4	77.5	67.7	48.9	43.6	35.5	53.4
SLC Airport	32.1	38.3	44.1	53.4	57.6	69.6	78.2	78.0	68.5	78.2	44.3	36.4	56.6
Tooele	28.4	36.6	42.1	52.4	57.0	68.9	75.9	76.1	66.3	48.5	42.9	36.6	52.6
Trenton	25.9	27.4	39.7	*47.9	51.8	61.2	67.8	68.4	60.1	45.6	37.4	30.3	47.0
Utah Lake Lehi	30.4	34.2	39.6	50.5	55.0	67.0	73.4	72.7	65.3	48.6	41.3	32.9	50.9
#Division	29.6	34.3	41.6	51.7	55.3	67.4	75.2	74.9	65.9	48.2	41.8	27.6	51.1
SOUTH CENTRAL													
Cedar City FAA	34.0	37.9	40.5	52.1	57.0	71.3	78.4	74.2	66.2	49.5	44.3	38.8	53.7
Fillmore	30.3	37.1	42.1	53.6	56.3	69.6	75.1	75.0	67.0	49.5	43.5	35.2	57.0
Kanab PH	41.9	42.6	44.8	56.0	60.7	74.0	77.7	74.6	67.7	53.4	47.8	40.5	56.8
Levan	31.5	34.9	39.7	49.8	53.9	66.8	73.8	71.9	65.9	47.0	41.8	32.7	50.8
Loa	*28.5	30.4	33.9	46.3	*48.5	61.1	64.2	61.3	57.4	43.3	36.8	*29.8	45.1
Manti	32.8	34.5	39.1	50.4	52.8	66.2	72.2	69.8	63.4	47.4	41.0	32.8	50.2
Nephi	32.8	36.4	41.9	52.4	56.0	69.0	75.8	73.4	*67.1	48.7	43.2	35.0	52.6
Panguitch	31.2	31.6	36.7	47.0	50.7	63.1	*67.6	63.9	57.9	44.0	38.7	32.4	47.1
Richfield KSVC	33.6	36.5	41.1	52.0		67.5	73.0	69.9		47.5	41.0	34.8	
#Division	32.4	34.4	38.2	49.5	53.0	66.5	72.0	69.1	62.3	46.4	40.7	30.5	49.6
NORTHERN MOUNTAINS													
Coalville	30.7	32.9	38.0	47.9	51.5	61.5	66.6	66.2	59.9	45.0	38.8	31.4	47.5
Heber	31.8	33.3	*38.0	*48.3	50.8	61.7	67.4	66.7	60.6	44.9	39.5	30.9	47.8
Morgan	31.1	30.7	39.5	48.6	52.8	62.5	69.5	69.6	61.4	45.6	39.5	32.0	48.6
Olmstead PH	30.9	35.7	40.8	51.6	53.1	67.6	75.1	75.1	66.8	49.0	44.0	35.2	52.1
Scofield	25.8	23.2	27.8	39.8	44.1	55.2	60.0	57.9	53.0	38.1	32.7	23.8	40.1
Silver Lk. Brighton	26.8	23.1	26.8	37.9	39.5	51.7	59.7	*58.8	52.0	*35.3	31.0	*22.6	38.8
Woodruff	22.4	26.9	34.3	43.5	48.2	57.3	62.8	62.5	56.1	40.6	33.7	26.1	42.9
#Division	28.6	28.8	34.1	45.1	48.4	60.0	66.2	65.6	58.7	42.6	36.7	21.3	44.7
UINTA BASIN													
Duchesne AP	29.5	33.2	39.6	51.9	55.0	*68.8	*71.3	69.8	63.6	46.6	36.9	*29.6	49.6
Fort Duchesne	28.8	*30.8	*39.0	50.6	56.1	68.2	*73.1	*70.7	63.9	45.8	37.6	28.5	49.4
Roosevelt	31.0	33.2	40.9	52.5	56.9	69.6	73.5	71.3	64.9	47.3	37.4	29.6	50.7
#Division	29.5	32.3	39.7	51.8	55.6	68.1	72.6	70.3	64.1	46.6	37.3	26.7	49.5
SOUTHEAST													
Blanding	36.0	37.0	39.7	52.5	56.1	70.7	74.1	71.5	64.3	49.4	41.7	33.5	52.2
Ferron	34.2	32.9	38.4	51.1	54.1	67.8	72.7	71.1	64.2	47.6	39.6	28.7	50.2
Green River Avn.	*33.9	*35.5	*44.7	*57.6	*61.1		*80.4	*75.9	*69.3	*52.2	*40.5	*31.5	
Hanksville FAA	34.0	36.4	45.1	58.9	61.3	77.1	80.7	76.2	69.1	52.6	41.6	32.3	55.4
Moab 4 NW	38.7	41.7	48.5	61.8	65.6	79.0	82.8	79.7	72.8	56.6	46.6	36.6	59.2
Price Warehouse	35.3	35.3	39.5	54.3	56.2	71.7	75.5	73.4	66.6	48.5	40.5	30.9	52.3
#Division	35.8	36.8	42.0	55.6	59.3	73.8	77.5	74.5	67.2	51.5	42.9	32.0	54.1
STATE AVERAGE	31.7	34.4	39.9	51.3	55.3	68.5	74.2	72.2	64.5	47.9	41.0	32.7	52.2

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. *One or more days record missing; if average value is entered, less than 10 days record missing. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the state total.

Normal Monthly Temperature (°F), Utah, 1941-70.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta													
Milford WSO	25.7	31.4	38.1	47.2	56.5	65.2	74.3	72.6	63.0	50.7	37.3	28.5	49.2
Modena	27.8	32.8	38.0	46.4	55.0	63.7	72.0	70.2	62.1	50.7	38.1	29.9	48.9
Park Valley	24.4	29.0	34.8	44.0	53.5	60.7	71.8	69.9	60.4	49.1	35.6	27.0	46.7
Wendover	27.4	34.2	41.0	50.8	60.8	69.2	79.3	76.7	66.2	52.8	38.6	29.7	52.2
#Division	25.9	31.8	38.0	47.2	56.4	64.4	74.0	72.0	62.4	50.6	37.2	28.6	49.0
DIXIE													
St. George	39.9	45.9	51.6	60.1	68.9	77.1	84.3	82.6	74.9	62.9	49.2	40.9	61.5
Zion Nat'l Park	40.2	44.6	49.3	58.0	67.5	76.7	84.2	81.8	75.7	64.0	50.4	41.6	61.2
#Division	39.0	44.1	49.2	57.6	66.5	75.2	82.6	80.6	73.7	62.5	48.4	40.2	60.0
NORTH CENTRAL													
Corinne	24.5	30.2	37.8	48.0	57.4	64.6	73.9	71.6	62.0	50.6	37.4	28.5	48.9
Elberta	27.3	32.7	39.4	48.6	57.6	65.4	74.4	72.7	63.3	51.6	39.0	30.1	50.2
Farmington USU	28.7	34.3	40.6	49.8	58.9	66.3	75.7	74.0	64.4	53.6	40.2	31.6	51.5
Logan USU	24.0	28.9	36.1	46.9	56.3	63.1	72.9	71.4	62.0	50.7	36.7	27.5	48.0
Ogden Pioneer PH	27.8	33.1	39.7	49.6	59.3	66.9	76.9	74.7	65.1	53.3	39.4	30.8	51.4
SLC Airport	28.0	33.4	39.6	49.2	58.3	66.2	76.7	74.5	64.8	52.4	39.1	30.3	51.0
Tooele	28.9	33.3	39.3	48.8	58.2	66.2	76.1	74.0	64.4	52.2	39.2	31.0	51.0
Trenton	21.0	26.5	34.2	45.1	54.2	60.8	69.5	67.6	58.2	47.4	34.9	29.4	49.1
Utah Lake Lehi	26.1	31.5	38.1	47.4	56.4	64.0	72.3	70.6	61.0	49.8	37.5	29.2	48.7
#Division	26.7	31.9	38.5	48.3	57.5	65.0	74.6	72.7	63.5	51.7	38.5	29.7	49.9
SOUTH CENTRAL													
Cedar City FAA	28.7	33.1	38.4	47.1	56.2	65.0	73.2	71.3	63.2	51.5	38.8	30.8	49.8
Fillmore	29.0	34.2	40.4	49.3	58.4	66.8	76.2	74.3	65.3	53.8	40.1	31.3	51.6
Kanab PH	35.2	39.3	43.9	52.1	61.6	69.1	76.4	74.4	68.0	57.3	45.1	36.9	54.9
Levan	26.0	31.2	38.1	47.4	56.1	64.1	73.1	71.3	62.9	51.6	38.4	29.4	49.1
Loa	23.2	27.3	34.3	41.0	49.7	57.3	64.4	62.3	55.2	45.3	33.0	24.7	43.0
Manti	25.8	30.2	37.1	46.1	54.7	62.3	70.1	68.6	60.6	50.0	37.0	28.5	47.6
Nephi	28.4	33.2	39.6	48.0	57.4	66.3	76.0	73.9	64.6	53.2	39.8	31.0	51.0
Panguitch	23.5	27.7	33.4	42.1	50.1	57.6	64.6	62.9	55.8	45.8	34.1	25.6	43.6
Richfield KSVC	28.1	32.8	38.9	47.0	55.5	63.2	70.7	69.2	60.8	50.5	38.0	30.2	48.7
#Division	26.9	31.3	36.9	45.6	54.4	62.3	70.0	68.1	60.5	50.0	37.6	29.3	47.7
NORTHERN MOUNTAINS													
Coalville	23.4	27.8	33.7	43.2	51.6	57.8	65.7	63.8	56.0	46.8	34.6	26.3	44.2
Heber	20.7	25.5	33.2	43.2	51.9	58.4	66.9	65.3	57.1	47.4	34.5	25.2	44.1
Morgan	22.9	27.9	34.7	44.5	53.4	60.3	68.5	66.7	57.5	47.7	34.5	26.1	45.4
Olmstead PH													
Scofield													
Silver Lk. Brighton	19.0	20.4	23.5	32.2	41.2	49.2	57.9	56.3	48.9	39.2	27.5	21.2	36.4
Woodruff	14.9	18.7	26.2	38.4	47.5	54.4	62.2	60.4	51.7	41.5	28.5	19.1	38.6
#Division	20.9	24.3	30.2	40.8	49.9	56.8	65.1	63.2	55.0	45.0	32.3	24.2	42.3
UINTA BASIN													
Duchesne AP	17.9	24.6	34.9	45.9	55.4	62.8	70.2	67.9	59.3	48.1	33.6	22.5	45.3
Fort Duchesne	14.6	22.2	34.2	46.2	55.9	63.5	70.8	68.8	59.8	48.2	33.2	20.9	44.9
Roosevelt	16.7	24.1	36.8	47.5	57.3	65.1	72.3	70.3	61.2	49.6	34.4	21.8	46.4
#Division	16.8	23.9	35.0	46.7	56.4	63.8	71.5	69.2	60.4	48.7	34.1	22.1	45.7
SOUTHEAST													
Blanding	27.7	32.9	38.3	47.4	56.9	65.8	73.3	70.8	63.3	51.7	38.2	29.8	49.7
Green River Avn.	24.1	33.6	42.0	52.4	62.2	70.3	78.2	75.8	66.2	53.5	38.3	28.0	52.1
Hanksville FAA	26.1	33.9	42.5	52.9	62.9	71.9	79.4	76.9	67.6	54.7	39.4	28.9	53.1
Moab 4 NW	30.5	37.8	46.1	56.5	66.2	74.2	81.3	78.7	70.1	57.6	43.2	33.3	56.3
Price Warehouse													
#Division	27.3	33.6	40.6	50.6	60.1	68.7	76.1	73.7	65.6	53.7	39.3	29.8	51.6
STATE AVERAGE	25.5	30.9	37.4	47.1	56.3	64.2	72.6	70.5	62.0	50.6	37.2	28.3	48.5

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Total Precipitation (inches), Utah, 1981.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	.24	.20	.63	1.41	2.88	.35	.42	.21	1.23	2.49	1.09	.50	11.65
Milford WSO	.39	.29	2.00	1.09	2.26	.32	1.54	.67	2.12	1.09	.85	.35	12.97
Modena	.58	.20	1.84	.75	2.07	.21	.26	2.27	M	M	.84	.32	
Park Valley	.85	.09	.97	1.87	1.85	.56	.33	.31	.04	2.48	1.24	2.35	12.94
Wendover	.05	.02	.30	.40	.71	.41	.24	.01	.16	M	M	.45	
#Division	.40	.15	1.40	.99	2.13	.22	.42	.35	.79	2.27	.70	.74	10.56
DIXIE													
St. George	M	.76	3.16	.86	.30	T	1.36	.54	.60	.30	M	0	
Zion Nat'l Park	.49	.66	4.68	1.55	2.28	.37	2.23	1.53	.86	1.06	1.31	.13	17.15
#Division	.56	.82	3.74	1.42	1.03	.12	1.02	.91	.67	.83	.91	.12	12.15
NORTH CENTRAL													
Corinne	1.86	.42	2.36	.79	4.86	.82	T	.13	.14	4.35	.36	2.58	18.67
Elberta	.21	.58	1.57	.92	2.64	1.00	.42	.96	.78	2.83	.54	1.09	13.54
Farmington USU	1.51	1.41	3.12	.45	5.91	.61	.06	.04	.74	4.44	.75	2.61	21.65
Logan USU	1.30	1.31	2.36	.93	4.47	1.51	.95	.08	.60	4.75	1.22	2.89	22.37
Ogden Pioneer PH	2.25	.84	3.53	.94	5.46	1.58	.02	.32	.34	5.82	1.11	3.35	25.56
SLC Airport	.64	.81	2.11	.45	3.68	1.03	.33	.23	.48	3.91	1.03	1.89	16.59
Tooele	.60	.47	2.86	1.02	3.35	.64	.72	.34	1.22	5.29	.96	1.66	19.13
Trenton	1.44	.69	1.77	.83	3.90	1.55	.03	.15	.51	4.62	1.17	2.46	19.12
Utah Lake Lehi	.85	.68	1.28	.49	3.77	.27	.41	.13	.95	3.45	.80	1.91	14.99
#Division	1.13	.74	2.33	.88	4.20	.80	.36	.40	.87	4.57	1.00	2.32	19.60
SOUTH CENTRAL													
Cedar City FAA	.20	.54	2.52	1.34	2.16	.14	.13	1.34	.77	1.37	.74	.23	12.08
Fillmore	.98	.56	2.99	1.54	3.24	.55	.47	.40	1.94	3.58	1.19	1.13	18.57
Kanab PH	.34	.55	2.84	.75	2.50	.18	.90	2.89	1.27	2.29	.86	.19	15.56
Levan	.39	.42	2.03	1.88	4.36	.14	1.43	.89	.93	3.89	.56	1.21	18.31
Loa	.12	.06	1.01	.45	.93	.16	.51	1.45	1.13	1.09	.50	.20	7.61
Manti	.39	.41	2.10	.92	3.65	.34	1.73	.89	1.44	2.85	.48	.84	16.04
Nephi	.52	.77	3.36	1.71	4.29	.25	.95	1.23	1.30	4.09	.82	1.73	21.02
Panguitch	.44	.14	1.54	.56	1.65	.27	1.63	2.30	1.29	1.89	.61	.11	12.43
Richfield KSVC	.04	.10	1.58	.45	M	.41	.31	.32	M	3.16	.36	.71	
#Division	.33	.41	2.35	1.04	2.18	.37	.98	1.67	1.65	2.34	.81	.64	14.77
NORTHERN MOUNTAINS													
Coalville	.31	.60	2.36	1.51	3.66	.40	.69	.43	1.42	3.61	1.18	2.18	18.35
Heber	.56	.28	1.93	1.09	2.41	.48	.78	.39	1.71	4.14	1.00	2.10	16.87
Morgan	.57	.66	2.44	.72	3.36	.77	.20	.11	1.04	3.47	.92	3.04	17.30
Olmstead PH	1.74	1.38	4.09	1.13	4.53	.79	.31	.21	1.46	4.98	.74	2.89	24.25
Scofield	.62	.64	1.56	1.44	2.96	.29	.88	3.23	1.44	3.96	.87	2.57	20.46
Silver Lk Brighton	4.10	2.78	5.75	2.32	7.70	1.33	.39	1.79	2.78	7.21	3.46	9.66	49.27
Woodruff	.51	.17	1.14	.35	2.05	.10	.57	.19	.80	2.11	.51	.72	9.22
#Division	1.13	.95	2.75	1.37	3.73	.74	.56	.86	1.38	4.26	1.20	3.31	22.24
UINTA BASIN													
Duchesne AP	.19	.06	1.08	.67	1.23	.05	.97	1.00	2.20	3.49	.52	.58	12.04
Fort Duchesne	T	M	.18	.60	.99	.15	.18	.20	.74	3.13	.08	.29	6.54
Roosevelt	.10	.09	.64	.48	1.56	.06	.41	.24	.59	2.90	.14	.48	7.69
#Division	.10	.24	.78	.57	1.33	.16	.50	.60	1.12	3.37	.32	.33	9.42
SOUTHEAST													
Blanding	.12	.38	2.56	1.06	.57	.38	2.74	.68	1.48	1.45	.65	.15	12.22
Ferron	.03	.01	1.44	.30	.38	.66	1.74	1.15	2.19	1.55	.24	.25	9.94
Green River Avn.	T	.25	.82	.27	.86	M	.29	.69	1.47	1.84	.29	.13	6.91
Hanksville FAA	.01	.07	1.37	.19	.45	.07	.13	.29	2.23	1.47	.61	.09	6.98
Moab 4 NW	.66	.07	1.30	1.14	.22	.45	.77	.87	1.01	2.78	.53	.28	10.08
Price Warehouse	.11	.21	1.95	.86	.54	.16	.22	1.62	1.26	3.43	.09	.42	10.87
#Division	.18	.24	1.52	.69	.86	.38	1.40	1.11	1.31	1.98	.58	.15	10.40
STATE AVERAGE	.46	.39	1.86	.95	2.12	.39	.80	.89	1.19	2.69	.76	.99	13.49

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. T-an amount too small to measure. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the state total. M-Missing Data.

Normal Precipitation (inches), Utah, 1941-70.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta													
Milford WSO	.61	.70	1.04	.90	.61	.56	.51	.68	.61	.78	.67	.73	8.40
Modena	.69	.67	.82	.81	.56	.55	.94	1.34	.62	.96	.74	.78	9.48
Park Valley	.95	.77	.70	.78	1.16	1.28	.79	.99	.56	.61	.96	.92	10.47
Wendover	.29	.31	.41	.44	.68	.73	.22	.36	.27	.45	.40	.32	4.88
#Division	.60	.59	.75	.87	.84	.82	.61	.76	.50	.76	.69	.70	8.49
DIXIE													
St. George	.88	.83	.90	.52	.38	.19	.61	.64	.48	.57	.69	.87	7.56
Zion Nat'l Park	1.55	1.58	1.69	1.27	.69	.62	.84	1.57	.80	1.04	1.16	1.55	14.36
#Division	1.15	1.21	1.30	.91	.53	.38	.89	.95	.67	.88	.91	1.17	10.94
NORTH CENTRAL													
Corinne	1.55	1.29	1.40	1.75	1.84	1.53	.39	.61	.87	1.06	1.61	1.72	15.62
Elberta	.85	.84	.98	1.07	1.05	.94	.62	1.05	.61	.95	.87	1.09	10.93
Farmington USU	2.01	1.73	2.03	2.65	2.06	1.73	.40	1.09	.93	1.54	1.90	1.89	19.96
Logan USU	1.36	1.45	1.74	2.12	1.86	1.78	.34	.87	.94	1.43	1.79	1.64	17.59
Ogden Pioneer PH	2.13	1.67	2.01	2.44	2.01	1.79	.56	.96	1.01	1.61	1.89	2.03	20.11
SLC Airport	1.27	1.19	1.63	2.12	1.89	1.30	.70	.93	.68	1.16	1.31	1.39	15.17
Tooele	1.14	1.34	1.84	2.20	1.64	1.35	.70	.93	.72	1.44	1.51	1.50	16.31
Trenton	1.77	1.31	1.43	1.63	2.33	1.35	.64	.86	1.12	1.25	1.21	1.98	15.88
Utah Lake Lehi	.81	.75	1.08	1.18	1.03	.93	.60	.89	.60	.95	.90	1.03	10.75
#Division	1.47	1.32	1.62	1.96	1.67	1.50	.59	.94	.85	1.36	1.49	1.56	16.34
SOUTH CENTRAL													
Cedar City FAA	.65	.76	1.12	1.05	.68	.54	.96	1.22	.72	.89	.96	.78	10.33
Fillmore	1.36	1.52	1.74	1.76	1.18	.93	.62	.99	.80	1.14	1.34	1.40	14.78
Kanab PH	1.47	1.10	1.21	.89	.60	.44	.88	1.55	.75	.95	.96	1.41	12.21
Levan	1.27	1.25	1.64	1.68	1.33	1.01	.68	1.03	.92	1.19	1.20	1.46	14.66
Loa	.36	.25	.44	.48	.60	.59	1.14	1.33	.74	.75	.41	.39	7.48
Manti	1.04	1.16	1.35	1.40	1.13	1.01	1.73	1.01	.84	1.13	1.00	1.13	12.93
Nephi	1.23	1.21	1.45	1.55	1.36	.89	.64	1.04	.85	1.14	1.17	1.40	13.93
Panguitch	.53	.56	.72	.73	.65	.69	1.49	1.56	.94	.81	.63	.59	9.90
Richfield KSVC	.57	.65	.79	.79	.72	.61	.78	.72	.69	.66	.59	.59	8.16
#Division	1.03	.98	1.18	1.13	.88	.76	.96	1.39	.88	1.03	.93	1.08	12.25
NORTHERN MOUNTAINS													
Coalville	1.24	1.05	1.46	1.53	1.50	1.37	.78	1.02	.84	1.23	1.36	1.40	14.78
Heber	1.97	1.43	1.28	1.34	1.15	1.25	.68	1.05	.85	1.29	1.61	1.92	15.82
Morgan	1.66	1.45	1.75	1.84	1.64	1.55	.42	.96	.87	1.39	1.68	1.87	17.08
Olmstead PH													
Scofield													
Silver Lk. Brighton	5.35	4.80	5.53	4.50	2.87	2.65	1.28	1.95	1.74	3.05	4.75	5.34	43.81
Woodruff	.48	.50	.65	.87	1.02	1.29	.69	.88	.74	.91	.62	.61	9.26
#Division	2.19	1.89	2.05	1.86	1.52	1.52	.86	1.34	1.05	1.57	1.82	2.24	19.91
UINTA BASIN													
Duchesne AP	.50	.46	.58	.66	.82	1.01	.76	1.05	.81	.93	.49	.64	8.71
Fort Duchesne	.47	.36	.43	.61	.68	.86	.46	.72	.63	.89	.51	.61	7.23
Roosevelt	.55	.40	.52	.63	.60	.84	.41	.75	.68	.96	.47	.66	7.47
#Division	.51	.43	.50	.68	.68	.90	.62	.87	.72	.94	.51	.69	8.05
SOUTHEAST													
Blanding	1.11	.89	.87	.86	.64	.50	.96	1.58	1.02	1.36	.78	1.25	11.82
Green River Avn.	.33	.35	.38	.49	.51	.50	.42	.97	.56	.77	.39	.44	5.11
Hanksville FAA	.22	.20	.30	.44	.33	.38	.46	1.02	.48	.71	.33	.33	5.20
Moab 4 NW	.48	.55	.63	.85	.61	.56	.47	.89	.64	1.05	.62	.59	7.94
Price Warehouse	.76	.67	.69	.62	.64	.79	.97	1.24	1.07	1.03	.53	.87	9.88
#Division	.61	.56	.60	.68	.59	.56	.74	1.23	.77	1.07	.61	.73	8.73
STATE AVERAGE	.96	.88	1.02	1.07	.92	.88	.75	1.10	.76	1.05	.92	1.05	11.36

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. T-An amount too small to measure. #Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Normal Growing Degree Days Base 50, by Months, Utah.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta													
Milford WSO	5	20	96	216	353	493	643	626	464	278	83	16	3293
Modena	0	0	44	183	333	477	619	580	416	234	38	0	2924
Park Valley	0	0	3	108	262	416	660	612	387	180	6	0	2634
Wendover	1	8	72	200	403	574	800	766	506	235	29	3	3597
DIXIE													
St. George	69	136	269	399	541	650	798	779	615	460	213	82	5011
Zion Nat'l Park	54	96	214	360	536	691	836	811	678	468	195	74	5013
NORTH CENTRAL													
Corinne	0	8	62	202	342	480	637	606	461	286	50	2	3136
Elberta	4	15	87	214	362	499	654	640	474	272	63	10	3294
Farmington USU	0	0	47	192	357	505	681	653	448	256	34	0	3173
Logan USU	0	1	35	151	298	443	664	642	422	205	25	2	2889
Ogden Pioneer PH													
SLC Airport	0	0	35	201	372	522	707	685	466	235	12	0	3235
Tooele	0	0	27	157	307	521	746	699	421	186	15	9	3088
Trenton	0	0	22	173	324	441	555	536	390	197	9	0	2647
Utah Lake Lehi	0	6	55	178	330	465	621	605	425	234	42	2	2963
SOUTH CENTRAL													
Cedar City FAA	8	17	74	184	335	502	670	635	472	263	79	19	3258
Fillmore	11	22	97	222	372	538	714	689	508	306	83	18	3580
Kanab PH	0	26	148	277	431	550	672	650	510	336	130	6	3742
Levan	3	13	79	203	328	462	627	609	451	268	71	11	3125
Loa	0	0	10	127	291	426	517	471	350	192	22	0	2406
Manti	0	4	61	176	307	448	585	558	409	238	55	5	2846
Nephi													
Panguitch	0	0	18	144	293	424	505	468	368	213	29	0	2462
Richfield KSVC	15	29	112	228	363	485	593	575	461	301	95	19	3276
NORTHERN MOUNTAINS													
Coalville													
Heber	0	3	41	156	292	414	489	589	412	259	60	3	2718
Morgan	0	0	16	159	325	462	558	548	407	218	19	0	2712
Olmstead PH													
Scofield													
Silver Lk. Brighton													
Woodruff	0	0	0	60	216	343	480	453	324	141	1	0	2018
UINTA BASIN													
Duchesne AP	0	5	51	181	323	447	568	546	398	216	32	2	2769
Fort Duchesne	0	0	35	206	370	496	576	554	418	207	10	0	2872
Roosevelt													
SOUTHEAST													
Blanding	3	9	65	184	330	494	640	606	440	248	54	6	3079
Green River Avn.	1	35	155	310	470	562	710	677	528	345	84	7	3884
Hanksville FAA	5	37	147	294	455	594	733	696	536	346	100	16	3959
Moab 4 NW	0	21	183	335	501	619	735	697	534	335	90	0	4050
Price Warehouse	0	0	41	174	374	477	638	601	421	230	47	0	3003

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.

Accumulated Growing Degree Days Base 50, by Months, Utah, 1981.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	5	71	94	289	312	547	677	626	481	189	123	24	3438
Milford WSO	16	63	62	259	327	544	689	613	476	179	119	43	3390
Modena	27	64	69	317		530	616	587			166		M
Park Valley	1	5	14	140	190	421	644	670	443	107	54	7	2696
Wendover	0	15	80	237	363	687	841	838	565	150	50	8	3834
DIXIE													
St. George	176	204	227	464	550	774	894	853	694	367	229	135	5567
Zion Nat'l Park	141	171	166	406	515	758	876	839	707	379	266	119	5343
NORTH CENTRAL													
Corinne	0	24	84	238	301	519	706	666	475	144	64	14	3235
Elberta	2	69	76	277	342	541	705	653	520	206	116	37	3544
Farmington USU	0	44	75	241	312	572	749	728	537	176	94	30	3558
Logan USU	0	15	33	171	224	431	660	701	451	121	58	16	2881
Ogden Pioneer PH	0	41	73	257	297	540	746	747	537	163	102	29	3532
SLC Airport	0	44	73	225	306	572	768	761	560	168	99	31	3607
Tooele	0	38	44	231	311	562	745	753	499	156	75	35	3449
Trenton	0	16	61	204	243	232	572	567	436	147	70	12	2560
Utah Lake Lehi	0	31	32	233	274	527	666	633	483	174	96	18	3167
SOUTH CENTRAL													
Cedar City FAA	34	79	60	260	345	594	753	671	508	207	138	73	3722
Fillmore	5	68	67	273	325	571	693	695	519	198	112	33	3559
Kanab PH	113	124	120	341	418	608	715	655	536	263	205	81	4179
Levan	11	47	45	222	278	514	675	625	491	164	104	20	3196
Loa	7	35	21	216	221	451	515	473	369	141	93	13	2555
Manti	20	43	39	231	252	507	646	581	440	180	114	34	3087
Nephi	20	69	85	290	332	548	674	626		204	133	46	M
Panguitch	36	54	75	245	279			575	404	163	124	41	M
Richfield KSVC	30		46						471	218	149	60	M
NORTHERN MOUNTAINS													
Coalville	12	42	46	221	239	453	530	530	430	152	116	30	2801
Heber	8	35	31	213	226	442	568	543	424	148	96	28	2762
Morgan	13	25	53	218	267	467	589	570	438	156	107	20	2923
Olmstead PH	5	38	28	204	238	530	713	690	509	162	100	36	3253
Scofield	7	0	0	104	119	344	421	390	280	54	31	4	1754
Silver Lk. Brighton	3	0	0	42	65		377	353	222	24	14	1	M
Woodruff	0	12	15	164	195	379	511	524	394	103	62	10	2369
UINTA BASIN													
Duchesne AP	0	31	44	287	313	548	606	559	446	152	61	6	3053
Fort Duchesne	0	25	57	255	306	537	633	601	463	146	55	0	3078
Roosevelt	2	36	89	310	328	569	639	597	473	149	68	6	3266
SOUTHEAST													
Blanding	29	61	45	273	327	560	689	626	459	184	107	10	3370
Ferron	23	37	36	253	285	541	657	614	459	182	84	0	3171
Green River Avn.	33	78	140		455		746	654	567	262	125		M
Hanksville FAA	37	92	141	412	461	630	717	639	537	272	137	12	4087
Moab 4 NW	62	100	180	429	534	702	797	743	606	332	186	27	4698
Price Warehouse	14	35	33	286	317	603	709	659	503	161	73	1	3394

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.
M-Missing Data.

Accumulated Growing Degree Days Base 40, by Months, Utah, 1981.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	40	167	245	444	498	714	848	806	676	355	253	91	5137
Milford WSO	74	161	189	410	505	701	859	788	659	332	239	133	50
Modena	106	175	207	464		684	784	760			331		
Park Valley	16	52	126	292	387	645	832	846	656	253	152	39	4296
Wendover	4	86	229	445	627	890	1015	1012	794	355	166	55	5678
DIXIE													
St. George	332	347	385	591	720	938	1064	1026	864	569	396	286	7518
Zion Nat'l Park	303	325	335	623	734	920	1046	1010	882	610	469	278	7535
NORTH CENTRAL													
Corinne	12	97	226	397	511	702	878	841	670	304	175	62	4875
Elberta	33	164	220	431	527	698	874	831	702	386	250	111	5227
Farmington USU	11	133	219	439	535	766	921	907	750	359	226	101	5367
Logan USU	13	59	157	346	439	658	846	879	671	278	158	65	4569
Ogden Pioneer PH	13	125	210	454	522	746	920	921	742	331	216	94	5294
SLC Airport	17	133	213	412	543	771	941	941	769	357	226	107	5430
Tooele	16	130	178	420	528	771	925	934	733	323	207	109	5274
Trenton	7	74	195	350	417	399	703	689	569	306	168	56	3933
Utah Lake Lehi	13	109	151	402	480	700	841	808	685	348	216	85	4838
SOUTH CENTRAL													
Cedar City FAA	124	184	197	427	547	760	923	856	720	385	277	203	5603
Fillmore	49	157	215	457	525	740	866	882	726	359	240	114	5330
Kanab PH	253	261	273	502	615	777	886	838	728	455	346	220	6154
Levan	78	126	178	380	469	690	850	811	702	312	224	64	4884
Loa	105	125	116	357	388	572	645	597	536	285	209	91	4026
Manti	105	128	163	389	439	684	823	776	658	335	230	100	4391
Nephi	91	154	231	441	521	695	845	806		368	261	127	M
Panguitch	152	153	176	391	443	598	690	632	543	312	249	148	4487
Richfield KSVC	128			433				736	634	383	280	157	M
NORTHERN MOUNTAINS													
Coalville	89	125	169	369	416	586	662	662	575	307	233	98	4291
Heber	79	111	161	370	402	585	698	675	577	302	207	87	4254
Morgan	84	101	188	367	436	589	715	716	583	312	223	77	4391
Olmstead PH	30	115	129	371	452	734	893	877	725	332	221	108	4987
Scofield	70	38	30	230	268	507	616	557	444	177	140	44	3121
Silver Lk. Brighton	36	26	16	154	175		610	582	393	112	86	33	M
Woodruff	19	62	117	301	357	540	618	608	528	247	163	59	3619
UINTA BASIN													
Duchesne AP	54	116	181	440	506	704	778	752	641	313	175	65	4725
Fort Duchesne	59	112	190	412	516	708	803	786	635	301	163	48	4733
Roosevelt	104	142	239	457	541	741	821	795	672	320	182	79	5093
SOUTHEAST													
Blanding	145	166	168	439	529	742	875	824	695	373	229	84	5269
Ferron	146	128	153	413	478	718	844	813	669	340	196	46	4944
Green River Avn.	178	201	297		644		917	833	726	447	252		M
Hanksville FAA	180	216	296	547	621	787	887	819	705	451	265	102	5876
Moab 4 NW	210	244	343	617	721	866	967	917	775	533	333	137	6663
Price Warehouse	118	127	148	468	528	785	883	858	733	334	184	56	5222

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.
M-Missing Data.

1978
Census of Agriculture

U.S. DEPARTMENT OF COMMERCE / Bureau of the Census

How the Census was Taken:

The 1978 Census of Agriculture preliminary reports show that there are 2,475,171 farms in the continental United States (excluding Alaska and Hawaii). In 1974 there were 2,310,702 farms reported. However, these figures are not directly comparable because improvements in methodology and coverage account significantly for the higher 1978 counts. If the improved 1978 procedures had been used in 1974, an estimated 2.6 million farms would have been included in the census. It should be noted that farms missed in the 1974 census were generally small and affected the farm count to a greater degree than other data. The missed farms accounted for about 5 percent of the land in farms and 3 percent of the total value of agricultural products sold. This appendix briefly describes census procedures and provides 1974 farm counts adjusted for net missed farms and compared with 1978 farm counts.

The State totals from the 1978 Census of Agriculture are based on two separate sources.

The primary source is the mail portion of the census. As in the 1974 and 1969 censuses, this part of the operation involved mailing out a report form to each name believed to be associated with agriculture. Mail and telephone followups were used to secure the highest possible rate of return of completed forms from the operators of the Nation's farms.

However, the evaluation studies conducted show that some farms were missed in the 1974 and 1969 censuses. Despite every effort to assemble a complete list, some operators did not get on the mail list.

To improve the coverage of the 1978 census, additional mail list sources were used. Also, recognizing the shortcomings of the mail method, especially in counting the number of small farms, it was decided to take another step to ensure a more complete count.

The second step involved conducting a complete enumeration of all households in approximately 6,400 sample segments in rural areas in all States, except Alaska and Hawaii. Farms enumerated in this sample were matched to the mail list. The sample farms not located on the mail list provided reliable estimates by State of the number and characteristics of the farms not represented in the mail portion of the census.

Estimates for such farms are an integral part of the State counts in 1978, but they are not a part of the county counts. The sample was not large enough to provide reliable estimates for each county.

The following tables were taken from Volume 1, Part 44, of the 1978 Census of Agriculture.

Hay: Acreage and Production by Counties, Utah, 1978.

County	All Farms			
	All Hay		Alfalfa Hay	
	Acres	Tons	Acres	Tons
Beaver.....	21,660	75,856	19,441	70,181
Box Elder.....	51,899	158,416	42,590	144,902
Cache.....	61,946	180,803	52,494	163,176
Carbon.....	5,812	16,515	4,974	14,472
Daggett.....	4,317	5,769	1,628	2,995
Davis.....	10,419	36,969	7,466	29,765
Duchesne.....	40,154	100,669	26,163	74,171
Emery.....	13,987	37,636	11,698	33,545
Garfield.....	12,411	31,034	9,190	24,776
Grand.....	2,132	7,023	2,086	6,902
Iron.....	35,691	119,852	31,155	109,919
Juab.....	15,342	38,259	11,694	33,668
Kane.....	2,401	6,008	2,139	5,597
Millard.....	64,046	211,511	51,795	179,970
Morgan.....	8,427	19,892	6,698	16,877
Piute.....	8,116	20,330	6,154	16,988
Rich.....	48,242	62,460	7,323	14,502
Salt Lake.....	11,128	39,544	9,197	36,649
San Juan.....	5,726	12,105	4,216	11,091
Sanpete.....	41,586	116,650	30,227	94,635
Sevier.....	22,229	84,049	19,092	76,429
Summit.....	19,056	40,485	11,266	26,012
Tooele.....	12,177	32,248	9,248	24,739
Uintah.....	28,122	61,637	22,174	51,695
Utah.....	36,807	120,011	26,599	101,465
Wasatch.....	10,214	26,150	8,079	21,678
Washington....	6,001	20,782	4,537	16,432
Wayne.....	10,142	26,023	7,717	21,122
Weber.....	14,987	50,862	12,733	45,768
State Total...	633,511	1,780,972	466,513	1,487,978

Source: U.S. Census of Agriculture

Small Grains: Acreage and Production by Counties, Utah, 1978.

County	All Farms					
	All Wheat		Oats		Barley	
	Acres	Bushels	Acres	Bushels	Acres	Bushels
Beaver.....	940	48,046	415	25,429	813	33,063
Box Elder....	99,133	2,881,651	1,143	82,917	22,332	1,537,628
Cache.....	19,468	621,455	785	45,493	25,556	1,417,677
Carbon.....	245	10,049	486	25,246	194	9,078
Daggett.....	0	0	0	0	0	0
Davis.....	1,476	92,960	246	16,412	2,382	166,232
Duchesne.....	421	15,041	1,481	75,836	3,618	222,764
Emery.....	369	11,932	1,218	57,555	694	31,655
Garfield.....	1/	1/	433	24,682	472	26,380
Grand.....	0	0	0	0	255	9,070
Iron.....	1,093	40,705	247	15,427	7,169	506,963
Juab.....	12,988	239,954	72	3,968	2,890	135,849
Kane.....	1/	1/	46	1/	41	1,980
Millard.....	17,860	475,494	747	35,763	17,492	1,004,852
Morgan.....	369	10,546	265	16,024	1,091	70,613
Piute.....	35	1,165	170	8,200	495	22,737
Rich.....	3,606	60,881	351	12,165	3,483	151,726
Salt Lake....	13,562	420,898	413	19,673	3,735	271,723
San Juan.....	51,221	962,476	552	10,162	373	12,900
Sanpete.....	3,120	88,866	1,531	80,442	9,148	523,719
Sevier.....	389	15,909	332	18,791	7,014	493,906
Summit.....	294	8,761	196	9,389	1,101	50,901
Tooele.....	2,715	45,915	167	8,480	2,444	110,492
Uintah.....	1,396	38,365	1,578	76,012	1,732	91,420
Utah.....	18,122	425,573	540	39,215	19,243	1,476,911
Wasatch.....	36	1,26	93	7,274	1,709	108,773
Washington...	2,748	28,889	58	1/	3,470	147,199
Wayne.....	38	2,220	312	20,400	2,251	157,238
Weber.....	1,685	73,131	274	15,743	4,149	265,634
State Total..	254,603	6,689,017	14,889	793,687	146,520	9,120,661

Source: U.S. Census of Agriculture.
1/ Data withheld to avoid disclosing information for individual farms.

Farms and Farmland: Number and Acreage, by Counties, Utah, 1978.

County	All Farms 1/	Land in Farms		Cropland		Irrigated Land
		Total	Average per Farm	Total	Harvested	
	Number	Acres	Acres	Acres	Acres	Acres
Beaver	189	187,311	991	37,769	25,380	30,227
Box Elder	1,108	1,730,140	1,561	331,572	202,017	127,036
Cache	1,214	294,025	242	173,036	116,230	87,117
Carbon	173	247,921	1,433	16,431	7,402	10,739
Daggett	28	41,413	1,479	6,967	4,389	9,549
Davis	565	94,151	167	34,497	23,144	31,693
Duchesne	590	388,904	659	101,246	49,113	107,873
Emery	378	211,946	561	41,472	17,858	36,295
Garfield	214	129,791	607	24,754	13,075	23,037
Grand	59	174,486	2,957	4,907	3,012	4,813
Iron	348	460,481	1,323	75,712	47,220	48,986
Juab	222	254,228	1,145	67,485	31,573	19,449
Kane	128	242,531	1,895	13,805	2,984	8,030
Millard	676	553,570	819	187,656	118,280	114,717
Morgan	198	248,634	1,256	20,647	10,268	8,248
Piute	115	66,671	580	17,883	9,230	12,354
Rich	161	494,454	3,071	75,126	55,125	57,020
Salt Lake	660	210,478	319	48,929	32,036	22,852
San Juan	213	411,693	1,933	136,700	65,705	6,210
Sanpete	756	443,573	587	107,591	57,927	74,843
Sevier	458	194,319	424	50,310	34,457	46,682
Summit	352	315,532	896	36,425	20,276	28,588
Tooele	263	495,494	1,884	47,150	17,723	18,110
Uintah	525	1,400,060	2,667	85,014	36,262	60,432
Utah	1,612	435,317	270	142,667	94,964	90,728
Wasatch	261	211,040	809	21,146	11,940	17,666
Washington	340	231,079	680	33,445	13,380	13,090
Wayne	181	96,086	531	21,471	12,485	16,461
Weber	777	205,236	264	45,032	29,686	35,776
State Total	13,833	10,517,668	760	2,034,492	1,174,703	1,185,315

Source: U.S. Census of Agriculture.

1/ Definition of a farm: Any place from which $1,000 or more of agricultural products were sold or normally would have been sold during the census year.

Hogs and Poultry: Utah, inventory December 31, 1978 and Sales during 1978.

County	All Farms						
	Hog and Pig Inventory		Hogs Sold	Hens & Pullets of Laying Age		Turkeys Sold	
	Farms Reporting	Hogs		Farms Reporting	Chickens	Farms Reporting	Turkeys
	Number	Number	Number	Number	Number	Number	Number
Beaver.....	11	326	179	7	120	0	0
Box Elder..	101	3,277	5,149	65	4,015	5	337
Cache.....	86	4,629	6,040	58	1/	8	85
Carbon.....	28	255	222	29	2,577	0	0
Daggett....	2	1/	1/	6	103	0	0
Davis.....	38	536	698	57	1,486	6	53
Duchesne...	72	2,428	3,212	86	2,332	16	94
Emery.....	59	577	921	41	806	5	24
Garfield...	29	360	332	28	393	4	30
Grand.....	8	1/	522	9	207	0	0
Iron.....	36	265	344	34	794	4	65
Juab.....	16	167	240	16	396	0	0
Kane.....	14	62	204	17	275	0	0
Millard....	75	2,969	2,970	74	18,705	0	0
Morgan.....	28	131	1/	18	380	5	45
Piute.....	14	255	183	12	278	0	0
Rich.....	13	142	365	13	314	0	0
Salt Lake..	86	4,422	5,386	88	578,398	6	40
San Juan...	19	224	381	25	553	0	0
Sanpete....	91	7,234	9,834	51	1/	30	865,526
Sevier.....	55	3,788	3,704	37	613	0	0
Summit.....	43	1,303	503	25	432	0	0
Tooele.....	50	640	866	48	1/	4	69
Uintah.....	58	2,547	3,252	77	3,577	15	81
Utah.....	159	5,693	10,196	103	1,201,275	11	197
Wasatch....	23	148	521	21	413	0	0
Washington.	28	446	348	37	1/	5	24,028
Wayne.....	49	2,518	3,386	23	564	4	27
Weber.....	65	1,044	1,118	68	28,756	4	34
State Total	1,563	48,850	62,807	1,412	2,166,660	172	894,551

Source: U.S. Census of Agriculture.
1/ Not published to avoid disclosure of individual farm information.

Corn and Potatoes: Acreage and Production by Counties, Utah, 1978.

County	All Farms					
	Corn				Potatoes	
	For Grain or Seed		Silage or Green Chop			
	Acres	Bushels	Acres	Tons	Acres	Cwt.
Beaver.....	75	1,840	1,715	23,547	180	30,200
Box Elder....	3,222	290,195	9,689	193,288	1/	14,250
Cache.....	51	4,143	8,549	141,400	0	0
Carbon.....	1/	1,340	699	10,294	11	364
Daggett.....	0	0	0	0	0	0
Davis.....	351	28,685	3,559	67,708	398	79,354
Duchesne.....	1,090	85,375	3,136	34,851	5	800
Emery.....	102	8,388	1,346	18,433	4	1/
Garfield.....	1/	256	199	1,868	6	1/
Grand.....	76	6,050	220	3,508	0	0
Iron.....	186	14,690	1,135	16,223	3,051	628,383
Juab.....	0	0	874	11,944	5	915
Kane.....	0	0	0	0	0	0
Millard.....	1,419	100,735	4,085	68,224	1,561	469,870
Morgan.....	0	0	295	5,121	0	0
Piute.....	0	0	433	5,236	0	0
Rich.....	0	0	0	0	0	0
Salt Lake....	612	59,813	1,263	21,324	34	6,414
San Juan.....	0	0	0	0	0	0
Sanpete.....	265	10,058	3,564	45,639	1/	1/
Sevier.....	285	21,672	4,691	74,413	1/	1/
Summit.....	0	0	0	0	1	370
Tooele.....	117	8,120	338	4,268	3	260
Uintah.....	1,121	61,811	2,950	37,633	1/	1/
Utah.....	5,203	448,081	8,836	145,474	104	17,851
Wasatch.....	0	0	0	0	0	0
Washington...	15	615	0	0	120	24,588
Wayne.....	0	0	77	1,250	0	0
Weber.....	275	23,242	5,782	104,191	57	10,164
State Total..	14,693	1,194,596	63,888	1,040,928	5,812	1,324,387

Source: U.S. Census of Agriculture.

1/ Data withheld to avoid disclosing information for individual farms.

Cattle and Calves--Sheep and Lambs: Inventory, by Counties, Utah, December 31, 1978.

County	All Farms					
	Farms Reporting Cattle	Cattle and Calves	Cows and Heifers that Have Calved		Farms Reporting Sheep	Sheep and Lambs
			Beef Cows	Milk Cows		
	Number	Number	Number	Number	Number	Number
Beaver.....	141	25,626	10,122	3,635	16	3,656
Box Elder..	604	87,222	28,418	9,346	135	75,303
Cache.....	800	61,051	7,519	19,991	59	14,779
Carbon.....	120	10,606	6,408	23	46	4,048
Daggett....	26	3,745	2,531	12	6	562
Davis.....	290	25,348	6,432	2,556	55	1,674
Duchesne...	473	46,478	24,321	3,192	104	22,442
Emery.....	308	20,994	11,957	587	57	7,656
Garfield...	180	15,964	10,228	219	45	4,756
Grand.....	34	5,843	2,684	41	3	1/
Iron.....	211	22,294	8,251	803	118	46,438
Juab.....	144	17,131	8,591	136	28	6,663
Kane.....	109	9,793	6,047	50	21	2,277
Millard....	413	70,005	24,615	3,642	59	23,805
Morgan.....	131	7,672	2,898	1,388	29	26,718
Piute.....	86	9,174	3,681	1,294	23	4,609
Rich.....	127	36,310	22,299	44	37	26,651
Salt Lake..	288	13,944	4,607	2,496	115	19,882
San Juan...	132	23,082	13,869	110	11	1/
Sanpete....	466	42,144	14,607	5,136	266	90,358
Sevier.....	288	47,236	13,932	2,531	110	21,569
Summit.....	235	16,795	5,931	2,760	103	35,059
Tooele.....	184	16,701	10,425	97	56	35,232
Uintah.....	405	37,219	19,859	996	161	49,054
Utah.....	882	57,250	20,489	7,215	161	33,399
Wasatch....	180	9,955	3,003	2,062	54	39,537
Washington.	244	20,192	9,163	491	31	2,473
Wayne.....	136	12,648	7,190	567	78	14,437
Weber.....	477	32,513	5,548	7,100	57	4,469
State Total	8,780	810,543	317,931	78,784	2,202	621,399

Source: U.S. Census of Agriculture.
1/ Not published to avoid disclosure of individual farm information.

U.S. DEPARTMENT OF AGRICULTURE

STATISTICAL REPORTING SERVICE

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CROP & LIVESTOCK
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Utah Agriculture (covers a wide range of farm topics, including all of the information previously carried in our single topic releases).	Twice Monthly
Weekly Crop-Weather	Every Monday April-October

Information for receiving the above reports can be obtained by writing this office, or you may telephone (801)524-5003.

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